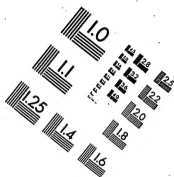
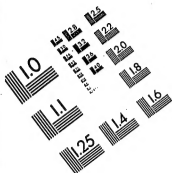




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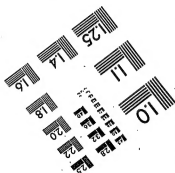
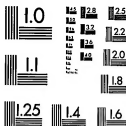
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Centimeter



Inches



Thomas A Edison Papers

A SELECTIVE MICROFILM EDITION

PART II (1879-1886)

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Frederick, Maryland
1987

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**Thomas A. Edison Papers
at
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18 June 1981**

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START

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THOMAS A. EDISON PAPERS
A SELECTIVE MICROFILM EDITION
PART II
(1879-1886)

REEL 54

DOCUMENT FILE SERIES (DOC-14)

D-80-021 through D-80-035
("Electric Light - Edison Electric Lamp Company - General"
through "Mining - Spring Valley Hydraulic Gold Company")

1880. Electric Light - Edison Electric Lamp Company - General (D-80-021)

This folder contains correspondence and other documents relating to the business of the Edison Electric Lamp Company, which was established in 1880 to manufacture light bulbs. The original factory was in Menlo Park. The company later moved to East Newark, New Jersey and in 1881 changed its name to the Edison Lamp Company.

All the documents have been filmed.

Newark N.J. Jan 29 1880
Washington
Ans. Feb 2 1880

~~Not correct~~

Newark Jan 29

J. A. Edison Esq.

Dear Sir

I enclose two extracts from
this morning's "Register" and
my card. If you really do
contemplate starting a factory
here I beg to state that
owing to illness and losses
I am virtually out of business
but am now well and feel
competent to superintend
and assist in such work
as you I suppose must have
done in order to start. I
could give your work my
sole time in such capacity
as may be most agreeable.

NY Feb 16 80
S.G.

Ans. Feb 18. 1880

New York Feb. 16th 1880

Mr Edison

Dear Sir;

I understand that you are in need of a strong building for the purpose of perfecting your invention of the Electric Light. I have a building which I think would suit you. It is five stories high and contains six thousand seven hundred and seventy five superficial feet on each floor. There is also a cellar and sub-cellar. It is one of the strongest buildings on Manhattan Island, strong enough in fact to hold rail-road iron piled from bottom to top. It has a frontage of about two hundred and fifty feet. Should you wish further particulars, a communication addressed to me will receive prompt attention.

Yours &c J. C. 259 Bowery
N.Y.C.

fe

P.S. The building may be either bought
or leased for a term of years,
S. G.



Odd Fellows' Hall Association,
CITY OF NEW YORK.

Odd Fellows' Hall,

Cor. of Grand and Centre Streets.

New York, Feb 23 1880

J A Edison Esq
Gr Sir

Yours of the
18th is at hand in answer I
would say the Building referred to
in my communication of the 16th is
Odd Fellows Hall situated on Grand
St it is as front on Grand St 70.9 on
Centre St 8.8 and on Battery 104.11

Yours H S

Geo Smith

m/ NY Feb 23^d 1880

Geo Smith

Ans Feb 24th 80

ask him how
much for rent
+ how much lease

Smith



Old Fellows' Hall Association,
CITY OF NEW YORK.

Odd Fellows' Hall,

Cor. of Grand and Centre Streets.

New York, July 28 1880

J A Edison

Sir

Yours of the 24th

I read in answer would say
the building is not to rent or
lease but for sale

Yours H^o

How much Griffith



Odd Fellows' Hall Association,
CITY OF NEW YORK.

Odd Fellows' Hall,

Cor. of Grand and Centre Streets.

New York, Nov 14 1880

J A Edison Esq
Dear Sir

Yours favor of the 2nd is recd. In reply would say that I am not authorized as yet to name a price but it will be probably one hundred and seventy five thousand dollars.

The Board of Managers meet on Monday Mar 10th if you have any propositions to make I should be pleased to receive and communicate the same.

Yours &c
Geo Smith

Hudson Mich 20.

Apr 20. 80

Wm Carman

Just got home.
See the building at
that price if paid

Cash down
Robt Gilliland

13 paid
only

Edison Lamp Works

Know all Men by these Presents, That

I, Robert Hilliland
of the *Village* of *Hudson* in the County of *Seneca*
and State of *Michigan*, of the first part, for and in consideration of the sum of *Eighty Hundred*
Twenty Dollars, lawful money of the United States, to *me*
paid by *Thomas A. Edison*

of the second part, the receipt whereof is hereby
acknowledged, have bargained and sold, and by these presents do grant and convey, unto the said party of the
second part, *his* executors, administrators or assigns, all the *My Factory*

Building, situated at Menlo Park
in the State of New Jersey, Reserving
the Engine, Boiler and all Apparatus
belonging thereto to be used thereon

Said Factory now

belonging to *me*

and now in possession at *Menlo Park*

To Have and to Hold the same unto the said party of the second part, *his* executors,
administrators and assigns, FOREVER. And the said party of the first part for *himself his*
heirs, executors and administrators, do covenant and agree to and with the said party of the second part,
his executors, administrators and assigns, to Warrant and Defend the sale of said property, goods
and chattels hereby made, unto the said party of the second part, *his* executors, administrators and
assigns against all and every person or persons whatsoever.

In Witness Whereof, *I* have hereunto set *my* hand and seal this *24th*
day of *April* one thousand eight hundred and eighty

Signed, Sealed and Delivered in Presence of

Robert Hilliland



T. A. EDISON,

Menlo Park, N. J., Apr 30 1880.

Received from D A Edison
eight hundred and twenty
five dollars in full for
building at Menlo Park
N.J.

\$825.

Robt. Millitance

We shall soon be able to give the
matter our attention

New Brunswick Sept-17/88
Mr T. A. Edison
Dear Sir

I see by the
newspapers that you are
desirous to locate your
work shops near some other
place where you will have
better accommodations

if you should choose to
come here I will give you
a fine building site in
Highland Park East New
Brunswick within 1/2 mile
of Post office 10 minutes of
drive on the highest ground
along the R.R. in the State
with one or two exceptions

out side of Corporation limits
therefore almost free from
taxation if you think this
worthy of your consideration

New Brunswick N.J. Sept 17, 90
Hugh McKean
Sept 17

appoint meeting or come
here and I will show you
the place any time you
make it convenient for yourself.

Respectfully yours etc.

Hugh McKean

write say we intend to
erect a large factory &
Menlo Park Sep 25th 1880

Mrs. Prof. A. Edison
will go ^{where} you can get
the best offers I learn from Mr. House
the you contemplate locating
a factory to employ a number of
men. at some ^{place} other than Menlo
Park but convenient streets.

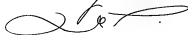
Should you decide to build such,
I should like to show you some
land in Menlo Park with a stream
of water running through it. supplied
from living springs. advantageously
located for Steam or Manufacturing
purposes, and near the freight ^{car} Depot.
There is a number of such pieces of
Land I could show you, which
I think the people would give for such
purposes, and if I could do anything

in the way of inducements for
you to locate a factory here. I would
gladly do so.

If you would designate a time
when you would be at home
I would be pleased to call for you
together with Mr Batchelor or Kussie or
any other friends of yours and show
you what we have here


Yours truly

Manning Freeman



ms Metuchen 19 Sept 80
Manning Freeman
a Oct 1-80

(Sept '80)

Mr. Carman Will
you please send
me a Book to keep
numbers of Lamps
as so a Fat - a small
Toss to Put - numbers
on Lamps tags this
size 

S. Hill

176/8

Oct 8. 80

T. A. Edison

Please do nothing
about factory land
until you receive
my letter

M. S. Isaac

11/18/80

L. W. Serrell

Oct 16 1880



P.O. Box, 4689.

New York, Oct 16 1880

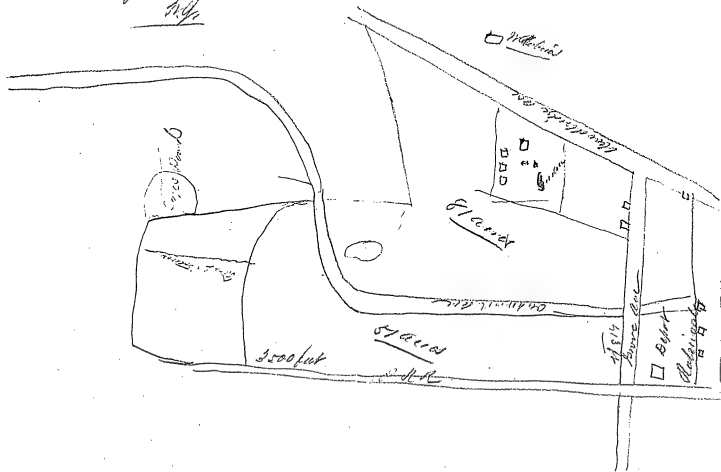
Prof. Thomas A. Edison

Dear Sir

Permit me to introduce
the bearer W. Henry Redfield
who is the gentleman of whom
I spoke to you as having a
property that he desired to
dispose of, upon the P.R.R.
near Metchen; As he was
coming into your neighborhood
on Monday he thought it well
to see you so as to answer
any questions you might de-
sire to ask about the place.

Yours truly
Lemuel W. Serrell

Henry Fairfield
Thompson



President
HON. BENJAMIN A. WALKER

Vice-President
CHARLES S. CAPRON

Secretary
JOHN WEAVER

THE

**SAN JUAN AND NEW JERSEY
DISCOVERY AND MINING COMPANY.**

Exchange Building.
Rahway, N. J. Oct. 21st 1886

Mr. Wm. C. Barnard

Dear Sir

I am afraid that unless Mr. Edison decides very soon to accept the offer made to him, of land near Scott Ave. depot, that the opportunity will pass away. The owner has received a proposition for the whole of the property he owns in that locality, but he will decline it if Mr. E. concludes to build his works there, as he of course realizes that the balance of his land will increase in value on that account. Another owner might be less liberal than he, will you kindly draw Mr. Edison's attention to the matter and oblige

Yours very truly
John Weaver

President:
HON. BENJAMIN A. VAIL

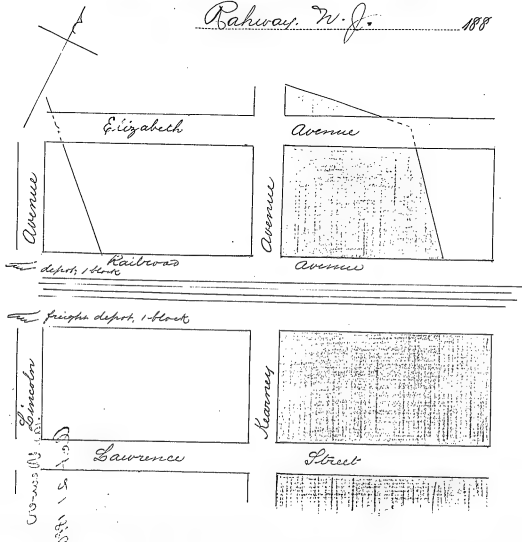
Vice-President:
CHARLES S. CAPRON

Secretary
JOHN WEAVER ✓

(1880)

THE
SAN JUAN AND NEW JERSEY
DISCOVERY AND MINING COMPANY.

Railway. N. J. 188



Nov 8th 1880
Prof Edison
Dear Sir

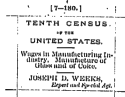
I received
the written card from Kent
Parker I confess I do not
understand it I have no
inclination to purchase
Kent Parker nor do I
know that it is for sale
Is the card worth anything

Yours Obedt

Sam. L. Givens

115th Madison St
St. Louis, Mo.

1880 Ed. Lamp



Department of the Interior,

CENSUS OFFICE,

Pittsburgh, Pa., Nov. 21st., 1880.

J. A. Ericson, Esq.,
Monro Park, New Jersey,
Dear Sir:

I see it stated
in the papers this morning, that you
have erected, or are about to erect a
factory for making glass lamps.
Will you please inform me if you
propose to melt the glass from the
batch, or if you will take partially
made glass and rework it. Of the
former, please give me the number
of pots in your furnace and any
other information that will be of
interest.

Truly
Yours,
J. A. Ericson

We buy tubes & bulbs of the Corning
glass works & work them up into
Eclipse lamps by table blowing with
gas

[DECEMBER 15, 1880]

(Dec. 1880)

E. L. Co.

Prof. Wm. Crocker.

Dear Sir,

I have now nearly completed
works for ~~making~~ a daily output
~~of~~ 1200 of my Carbon
filament lamps to high burn
and in manufacturing other work
which will have a daily
Capacity of 15000 lamps,
and it has occurred to me
that as you have a retail on
your ~~Patent~~ ^{Patent} here ~~that~~ that
my works and yours if
might derive a ~~net~~ ^{fair} ~~loss~~
income from the sale of these

~~instruments~~ because our
facilities here will permit
of their manufacture ~~at a price~~ ^{at a price} ~~of~~ ^{of} ~~the~~ ^{the} ~~order~~ ^{order}
of their sale at 50 ~~cents~~ ^{cents}
each, which would popularize
them, that the sales would
be very large ~~the~~ ^{the} ~~and~~ ^{and}
~~permanent~~ ^{permanent} ~~business~~ ^{business} ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~city~~ ^{city}
~~shop window~~ ^{shop window} ~~place~~ ^{place}
answer if you would
make any arrangement
with me for working the
patent

Yours
Wm. Crocker
T. A. Edison.

THE EDISON ELECTRIC LAMP CO.,

Thos. A. Edison,
Chas. Batchelor,
Francis R. Upton,
Edward H. Johnson.

Menlo Park, N. J.,

Dec 24 1886

J. J. Lyons & Co.
Commerce St.
Newark

NY
Please send a man
immediately little
boiler is leaking badly

T. A. Edison

Princeton, Dec. 28 - '80
Mr. Wm. W. Wilson

At the solicitation of a few friends I
will now in response to your touching over-
ture in case of your manufacturing mill give
some of the advantages it possesses
1st a large and enterprising price, freedom of
land twice for taxes.

2nd large facilities for transportation, being on
a short line between N.Y. & Phila. & west.
3rd liberal arrangements might be made with
R.R. Co. for transportation.

4th A good opportunity to procure labor of
a moral and industrious class, and would
be easily obtained as there would be sufficient
inducement in size and attractions of the
city to keep your artisans -

There is a large brick structure, built for
a planing mill, has, engine & machinery in
good order, and abandoned by the owner. It
is now owned by the R.R. Co. & has a siding
track into the grounds. Could be had at a
low price for less than I have said, is within

40 miles of this station, and acquiring
lands in various ways to present in
easy terms & long time,
are satisfied that they would have
with pleasure to any proposal you
might make.

Yours Truly,

W. M. Horn

my Plainfield N. J. address
M. M. Horn
a Rev. 18

A. J. Butler (Dec '80)
John St.
New Brunswick

Wish to
see you at
the lamp factory
this afternoon. Come
on ~~there~~ next
train. Answer paid.
T. A. Edison

a J Butler
H B
Dec 31 1880

Telegram

For Lamp factory. - wanted. -

8 length $1\frac{1}{2}$ inch ^{strong} extra heavy wrought iron pipe
33 feet long each - in 2 pieces coupled.

2 length $1\frac{1}{2}$ inch ~~Sto.~~ 25 ft. long each - in 2 pieces coupled.

10 ~~end~~ endcaps for same

10

elbows ^{wrought iron pipe hooks}
50 ~~gaskets~~ for same

W. E. C.

8 length 2 inch regular wrought iron pipe
33 ft. long each - in 2 pieces coupled

2 length 2 inch ~~Sto.~~ 25 ft. long each - in 2 pieces

10 endcaps for same

10

elbows ^{wrought iron pipe hooks}
50 ~~gaskets~~ " "

←

1880. Electric Light - Edison Electric Lamp Company -
Accounts (D-30-022) [not filmed]

This folder contains bills and receipts for tubing, rubber goods, wire, and miscellaneous tools.

1880. Electric Light - Edison Electric Light Company (D-80-023)

This folder contains correspondence and other documents relating to the business of the Edison Electric Light Company. Some of the correspondence deals with requests to see demonstrations of the electric light at Menlo Park. Other documents concern underground conductors in New York City. Much of the correspondence is by Calvin Goddard, secretary of the Edison Electric Light Company.

All the documents have been filmed.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which have been accepted by the holder of the following message.
Messages can be readily secured only by requesting a message back to the sending station for comparison, and the Company will not guarantee delivery of messages unless delivery is guaranteed by the sender, under the conditions stated above.
This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. R. BREWER, Sec'y

NOVIN GREEN, Pres't

Dated

New York Jan 2 1878

Received at

To L. Griffin

READ THE NOTICE AT THE TOP.

Cannot hear of any
transaction this morning
or get a reliable quotation
Numerous applications
for permits to visit
Mills Point this morning
owing to notice in
head - what are Mr
Edison's wishes
30 paid C. Goddard
H. H.

THE EDISON ELECTRIC LIGHT CO.,
3 BROAD STREET.

MARTIN GRANT, Pres.
R. M. UGGLAVAN, V. Pres.
A. F. FARRER, Treas.
C. DODDARD, Sec'y

New York,

January 2, 1880

J. A. Edison

My dear Sir,

This will introduce
Mr. Walter Coleman of
Jacksonville, Florida
who desires to visit
Menlo Park before leaving
for home. He had the
pleasure of meeting
Mr. Edison in Florida
last winter ^{now} wants to
see the light -

Yours truly
C. Doddard

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been annexed to be the order of the following contracts.

Errors are to be paid for only in the event of a mistake in the sending station for transmission, and the Company will not be liable for any error in the delivery of a message or in the delivery of a message.

The message is to be delivered only in the event of a mistake in the delivery of a message or in the delivery of a message.

A. E. BILKWEK, Sec'y. - # 2

WILLIAM ORTON, Pres't.

Dated New York 15 1880

Received at 11, 29 am

By Chas. W. Coleman

McClelland

READ THE NOTICE AT THE TOP.

Will it be convenient
to you if Mr
Wright or I come
with some friends tonight
Weather permitting for something
cramming smooth
Ed. Haas

22 paid
No. 100

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and RECEIVES messages only on conditions, limiting its liability, which have been accepted by the sender of the following message.

Messages may be delayed without notice for repairs to the wires or for other causes, and the Company will not be liable for any delay in the transmission or delivery of the message.

This message is an **URGENT** message, and will be delivered by the Company at the expense of the sender.

A. B. BREWER, Sec'y.

WILLIAM C. BREWER, Pres.

Dated New York Jan 1 1898

Received of Wm. C. Edison

for meulocark

Can you confidentially come
here tomorrow morning
would like to see
you on important business
reply

E. P. Fabbie

15 paid
Haf

READ THE NOTICE AT THE TOP.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which have been agreed to by the sender of the following messages.

A. N. BREWER, Sec'y.

WILLIAM O. TOLSON

Dated *Paris Washington Nov 1878*

Received at *Edison*
menlo Park

READ THE NOTICE AT THE TOP.

*Edison my
will you consent to
my transferring Roosevelt
one light share
Puckas*

*13844
Haf*

*Puckas
yes Paris*

*5225
2700
2625*

METROPOLITAN HOTEL

Broadway and Prince St.,

New York.

HENRY CLAIR, Manager.

New York, Jan'y 18 1880

Friend Edwin:

I went in to see Mr. Goddard about the Electric Right today, He said the Company was not yet prepared to dispose of territory. I asked him what he would take for an option on some western town; the Company to reserve the right to fix the price for the territory when the light is ready and also the amount of cash capital which the organization shall commence business with. He promised to bring the matter before his directors. I will buy the options at the rate of \$1.00 per family, reckoning five to the family and on the basis of population. If the plan of organizing local companies is adopted it will bring an immense sum into the

METROPOLITAN HOTEL

Broadway and Prince St.,

New York.

HENRY CLAIR, Manager.

New York,

18

Treasury of the Edison Electric Light Co. and place them in position to acquire and protect everything valuable in the field. Give me your assistance in case the matter comes up. I can make some money out of the scheme.

Sincerely Yours

Geo. W. Oliver

The local companies would then be ready as soon as the light is.

International Ocean Telegraph Company
Executive Office
James O. Shea, Secretary, New York, Jan'y 19, 1880

Dear Mr. Edison

I beg to introduce
to your good offices Mr. Samuel
Pritchett of Nashville and Mr. A. H.
Barrett of Louisville. These gentlemen
are interested in gas properties in
Nashville and desire to see such
of your achievements in the electric
light as you may think proper to
show them.

May I ask your kind
attention so far as may be con-
sistent with your occupations.

Very Truly Yours

J. O. Shea

METROPOLITAN HOTEL

Broadway and Prince, St.

New York.

HENRY CLARK, Manager.

New York, Jan'y 21 1880

D. A. Edison Esq,

Dear Friend;

Mr. Goddard desires to favor
my plan & do what you can
to help me in if they do not
change their minds I can do
absolutely & I leave for the west
tonight

Sincerely &
Respectfully
Edison

THE EDISON ELECTRIC LIGHT CO.,
2 BROAD STREET.

NORTH GREEN, TENN.
N. M. GALLAGHER, V. PRES.
E. T. FARMER, TREAS.
C. GODDARD, SECT'Y.

New York, January 27 1888

No ans
My dear Mr. Edison

I enclose for your perusal a letter received from Colonel Geo. A. Boniston who claims to have discovered something that can be substituted for the carbonized horseshoe, and which dispenses with the exhausted glass tubes - Concerning the man or his work I know nothing, but thought best to send you his letter for your consideration.

On Thursday of this week a party of gentlemen from Philadelphia propose to visit Menlo Park with a view of examining the Light and forming a stock company to operate it in Philadelphia, if they are satisfied as to its merits. They will be accompanied by a Mr. W. J. Woodbury who has had some correspondence heretofore with us about the Light - He will present a letter written by me to him as a card of introduction.

Yours very truly
C. Goddard Secy

EDISON'S PRESS
ELECTRIC PEN AND PRESS

76 Market Street,

Chicago, Ill. 28 1879.

Hon. A. Edison Esq.

Meals Park, N. Y.

Dear Sir:

Address
GEORGE BLISS,
Genl. Manager.

W. H. H. H.
Tribune
or article

I mail you a copy of
the Chicago Tribune containing my
communication in regard to the Edison
Electric Right.

It now looks as if I can raise
\$100,000.00 for an option on the City
of Chicago on that is on the basis
of \$100 for each family of five per
year. The men I am interested are
the richest and most successful men
here.

Please use your influence with the
Company favorably.

Should the plan consummate it will
create a twofold in the camp of the
free men.

If the programme succeeds how
very large sum can I raise on the
Edison plan in the west.

Respectfully

Geo. H. Bliss

1 M 20

July 2.80
240

S. K. Griffin
240

Have sold share at
fifty hundred

Algodond

Collect
H. G.

T. A. EDISON

Menlo Park, N. J.

Money wanted to
L.P. from E. & C
J. A. Edison

T. A. EDISON,

Menlo Park, N. J., March 15 1880.

Shall need \$20500 up to
the first of August of which 2000
will be returned by Aug. 8. N. C.
This completes the maximum
system here. 2000 p.w.m.s. special
Building and 600 Burners of which
500 are steel tanks - after
August it will probably be at the
bottom of the list. the length of
running time here of this system
is sufficient proof of its
practicability to build.

J. A. Edison

over now 3740
Sellers' 669
March 2000.

April.

May

June

July

4900
21700

6

Over now 3740
Sellers' 669
Copper - 160
Copperw. 688.
Armature 105
" Iron - 420.
Watts Cr Co - 351
Bethel - 467
Shelting - 380
Ralls - 40

3600

Electric - 1800
Chicago - 3800 =
to May 1 - 11770
June 3200
July 3200
Electric 1800
20170.

6 weeks.

5174
1400
3774

44

W. Nymer 20-50
C. B. 20
No ans

ROYAL
Swedish & Norwegian
Consulate.

New York, March 20 1880.

Thos A. Edison Esq.
Morningside Park.

Dear Sir

I take the liberty
to enclose a few lines
for Mr. Faltin - who
has kindly given me a
permit to visit your
works on Tuesday eve

With the officers of the crew at 6 1/2 o'clock as
Lieut. frigate "Baldwin". We are here by the
who are very anxious to 5th train
have the pleasure to make
your acquaintance and
to see your works -
We hope to have the
pleasure to call Tuesday

Very respectfully

Christian Borg

11 *Dracel, Morgan & Co.*

P.O. Box 3036.

New York, N.Y. 1880

Friend Edison

I recommend to your
courtesy & attention Mr.
Christian Baetz who with his
family & several officers of
the Norwegian Royal Navy will
visit your establishment next
Tuesday - Very truly yours

C. P. Fabbri

Thos. A. Edison Esq
Menlo Park

THE EDISON ELECTRIC CO.
25 NASSAU ST. N.Y.
J. F. FARRIS, Secy.
W. L. C. GILMAN, Pres.

My dear Edison
New York

April 8th 1880

My dear Edison

The gentlemen whom
I telegraphed you I wanted
to bring out are influential
Capitalists here and in
Boston, friends of Dmrlg

On receipt of your telegram
I postponed the visit -

Please advise me on
receipt of this when I
can take them out
& give them a chance
to see the operation of
the whole business -

They may want a day
or two notice, so give
me all you can make
time as soon as you can
be in shape -

Was it you who went

Wail for Sawyer?

Yours truly
C. G. Gaudin

THE EDISON ELECTRIC LIGHT CO.
3 BROAD STREET.

JOHN G. BROWN, Pres.
J. M. BROWN, V. Pres.
J. F. BROWN, Secy.
C. BROWN, Gen'l Mgr.

New York, April 17th 1890

Dear Sir:

The regular quarterly
meeting of the Board of Directors
of the Edison Electric Light Co.
will be held at the Office
of the Company on Tuesday
the 20th instant at 2.00 o'clock noon.

Respectfully yours

C. B. Brown

Newport 4/20/90

S. D. Griffen

1124/90

medo parky

Obliged to defer visit
till Thursday

C. Goddard

C. paid
Hof.

THE WESTERN UNION TELEGRAPH COMPANY.

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Errors are to be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages.

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A. E. BREWER, Sec'y **NORVIN GREEN, President**

A. R. BREWER, Sec'y

NORVIN GREEN, President

Dated New York 5/5 1888

Received at _____

To J. L. Griffin, Pres.

READ THE NOTICE AT THE TOP.

Telegraph me very
lowest three phases
light deliverable

to narrow answer
metropolitan hotel.

Edwin, Ed Ford
12 paid,

Max 7.29 pm

READ This mag. was sent
to Elizabeth via a
copy sent here from
Juwah

W. G. S. May 10, 1860
Dear Mr. Lawrence

My father is with me for some days, before going to Europe to join his family.

If another party is made up to go to Meulo Park within the near future, will not you kindly favor me by making my father one of the party.

You will oblige me much if you can do this without trouble to yourself. Sincerely,
W. G. S.

Dear Lesori - This is Maj. Paul Hayes of the
Army - I shall bring him out some day but
you need not bother yourself about us

Yours

P. H. L.

It is all over about the
money - You will hear
no more of it - except
that your bills will be all
paid

John H. Porter,
Governor's Secretary.
Geo. Wilson Stone,
Chief Justice State.
Geo. S. Hamilton,
Wm. L. Porter.

*Porter, Leavrey, Loren & Stone,
Attorneys & Counsellors at Law,
No. 3 Broad St., New York.*

P. O. Box 1836.

June 10, 1880. 47

My dear Edison:

I would go out to see you to-day, but think it not unlikely that you will be coming into town. I intend to go on Monday.

I inclose memorandum of points handed to me by Mr. Mann, at my request, as the summary of his remarks to me in a conversation which we had a few days ago. Mr. Mann, you remember, was Sawyer's partner, and now represents the Sawyer Company, whatever its name is, with which he says, by the way, Sawyer has nothing to do. He sent a gentleman to see me several times, requesting an interview, which, at last, I gave him, telling him, however, that I was not personally instructed in the state of the art so as to be able to contradict any assertions or claims that he might make; that I would therefore, listen to what he had to say, and request him afterwards to reduce it to writing that I might submit it to you, Mr. Wilber and Mr. Dickerson if it was thought best. He sent me this paper sometime ago, but I have neglected to send you a

copy, although I sent one to Wilber this week. Please read it over at your leisure and then you will tell me whether there is any occasion to reply to it.

I have a plan in mind concerning the railroad, which will I think, produce a sum of money sufficient to set up an Electric Lighting district in the city of New York. All this I will discuss with you next week.

Yours truly



One enclosure.

Memorandum of Points covered by Patents
owned by the Electro-Dynamic Light Com-
pany, as follows:

*Points are
very care-
fully handled
in the patent
by glass.*

No use | The Patents for Lamps principally relate to
incandescent lamps and they cover the methods of closing and
making tight the glass in which the lamp is placed; the
methods of bringing the conductors through the walls of the
lamp; the means of supporting the light-giving portion of the
lamp and preventing radiation of heat to the part of the
glass through which conductors pass and where joints are made;
No use | the use of sodium, potassium and other oxidizing agents, and
agents for the removal of carbonic acid and other acids; the
Not used | means of purifying and drying the atmosphere of the lamp.

We describe in our patents the use of double-
globes, for which we understand Mr. Edison has applied for or
taken patents, and cover the use of platinum holder for car-
bon; the heating up of the carbon and of the globe during
the process of filling and exhaustion to drive out occluded
gases; the process of exhausting the lamp and filling with a
purified atmosphere; methods of purification and exhaustion;
the means of supporting the diaphragm within the lamp out of
contact with the glass to prevent breakage; the construction
of the lamp in all its details, *patented by Edison* including apparatus for feed-
ing up, in case of breakage or consumption, additional carbon.

Not used | Switches for lighting the lamp, covered by
very broad claims, whose general purpose is to turn a current

*Patent No
224,394
Filed Feb 3, 79*

No use

> See

Shaffner's Telegraph Manual

Magnet page 867

Wint. no 874

W. de Rue Phil. Trans. 1878 page 100

of electricity into the lamp while preserving the continuity of the circuit so that lamps already lighted or in circuit shall not be effected by the lighting of other lamps; a safety device, connected with the switches, to prevent the completion of a lamp's circuit when there is no current to energize the lamp and which after an interruption in the flow of current prevents the lighting of the lamp until it has been brought into a condition of safety as against an abnormal flow of the current; the turning of the current into the lamps gradually, or not too quickly; the proportionate

introduction of resistance into one branch of a circuit concurrently with the removal of a resistance from another branch of the circuit; in other words, the preservation of equal combined resistance in circuits while the constituent resistances are being varied, in order that the flow of current may be preserved and kept equable while portions of the current are diverted in different branches to different lamps groups of lamps or localities, an apparatus for the safety of lamps against an abnormal flow of current, broadly, "In an electric lighting system an apparatus energized by the current flowing in, such system which, when there is an abnormal flow of current in a part or parts of such system, automatically operates to disrupt, disconnect, or change the circuit of such part or parts;" covering broadly the use of electro magnetism as such safety devices and probably Mr. Edison's patent safety device for his lamp as an "equivalent" except

Used before
as lightning
protection
by De Rue
to
protect
his tubes.

No use

Proved
to work

Claim on
as every
form of
regulation
is made.
No regulation
now needed.

use

Rev. St. Hughes

Not used

as an improvement under our patents. A regulator, for the current, covering an independent electro magnetic switch energized by the current, acting automatically, upon the occurrence of any change of electrical condition in circuit, or circuits, supplied, to allow of a corresponding change in the quantity or intensity of the current generated. The use of different forms of resistance, including wide, thin metallic conductors and carbon under different pressure inclosed in fire-proof material.

Not used

An electric meter energized by an infinitesimal portion of current showing the time during which any lamp has been lighted and giving the total result in hours, and minutes of the burning of any number of lights.

Not used

Means of producing an absolutely pure carbon of great density and strength.

Not used

Electric lighting system covering the placing of lamps between the outgoing and incoming conductors from and to the generator, constituting also an automatic system of regulation.

Not used

The system of lamps is one in which the lamps are intended to be opened whenever necessary to supply new carbons which can be done at a more nominal cost, and the lamp itself, independent of the glass shade which preserves it, is all fastened to a single piece of glass or metal, as the case may be, which constitutes the stopper of the glass shade.

This Company, through its application, is now

in interference with Mr Edison in an application for the Horse Shoe or circular form of carbon and for carbon made from wood, paper and other fibrous substance used in an attenuated atmosphere, and before Mr Edison commenced the study of Electric Lighting, we had used numerous lamps with carbons of such material in atmospheric vacua and in vacua of other gases such as nitrogen, hydrogen and hydro-carbon.

I do not like to point out particular things in which interference and possible litigation may arise, it is pleasanter to say, and I believe, that the combination of the two systems of invention cover substantially all that is of value in incandescent electric lighting, and much of the electric arc lighting, and that their combination would render each stronger and more valuable than either can be alone. There are quite a number applications in the Patent Office, now pending, to which I do not feel at liberty to refer, but which perhaps it will be enough to say render stronger the position of the Electro-dynamic Light Company. There is also a patent owned by one of the members of the Company, covering an important principle in the construction of the lamp, and an entirely new method of joining glass together with ordinary solder, which it is expected will be used in aid of the Electro-Dynamic Light Company, and there is also an Electro-Dynamic Machine covering new principles, of great promise.

No interference
declared

Edison got
a vacua
in these
lamps when
our lamps came
be was

No use

Constitution
what they are
going to do
go

J M.Y. 10 (June '80)
J J Griffin
Mentelack

Can you sell five
shares or any part
name lowest price

Goddard

12 Collect $\frac{100}{\cancel{Xc}}$ 347 PM
29 cents

5 N.Y. 30 (June)

Grafton N.P.

Of my Caton a
friend of Mr Sowers
arrives day to him
that Mr Edison and
Mr Lowry are coming
by four thirty train

Mr Lowry, Mr
and Stone

N.Y. 30
Xc 330pm

THE EDISON ELECTRIC LIGHT CO.,
3 BROAD STREET.

NORTH GREECE, Pres.
E. M. GARLAND, V. Pres.
J. P. PARSONS, Treas.
C. G. JOHNSON, Sec'y.

New York.

July 17th 1880

Dear Sir:

The regular quarterly meeting of the Board of Directors of the Edison Electric Light Company will be held at the office of the Company on Tuesday the 20th inst. at 12 o'clock noon.

Very respectfully,

C. G. Johnson Secy

July 20th 1890

G. P. Lowrey.

Care Porter Lowrey Loren Street
N.Y.

Impossible come, as we are
all fixed this morning for
a test of our street mains
and we have been waiting
for a wet morning

T. A. Edison

104-1

EDISON ELECTRIC LIGHT CO.,
30 NASSAU STREET.

New York

Jan 21st 1880

Dear Sir:

An adjourned meeting
of the Board of Directors
of the Edison Electric Light
Company, will be held at
the office of the Company
this day (Wednesday 21st inst)
at 12 o'clock P.M.

Very respectfully

Charles D. Jones

Main Offices of Kent & Auerbach.

Rockwell Kent.

Jos. S. Auerbach.

3 Broad Street (Truel Building)

New York City 23 1880

Thomas A. Edison Esq

Dear Sir

I received the dispatch
from Hearle which was forwarded to
you. I showed it to Mr. Lowrey and
although he thought you would not
care to inquire into the matter at
present I sent it to you to act
upon as you saw fit. It was
sent under his name to dis-
credit it.

Very truly

Rockwell Kent

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A. R. BREWER, Secy.

NORVIN GREEN, President.

Dated Memphis 23 Feb 1890

Received at W. A. Edison ND

READ THE NOTICE AT THE TOP.

Mr Kent has just received the following from E. Keable
material "Now some competent
party come here by tonight's
train to see new divider and
multiplier of light important
expenses: guaranteed if failure

G. P. Lowrey

33 NW 4th 145 pm

G. P. Lowrey
23 Feb 1890

Do as you please. I have heard
that too many times to late
sufficient interest Edison

Hall Offices of Hunt & Auerbach.

3 Broad Street (Doeck Buildings)

New York July 2^d 1880

Rockwell Hunt.

Jas. S. Auerbach.

Dear Sir

I send you enclosed a letter
received this day from W. H. Keane
from whom I sent the dispatch
which I forwarded to you.

Will you kindly inform me whether
you will take any steps in this
matter.

Very truly
Rockwell Hunt

Thomas A. Edison Esq/
Menlo Park

The statements of these
parties in Montreal are too
absurd and not worthy of
notice

Transcript of J. A. Edison's account

STOCK SURRENDERED.

STOCK ISSUED.

DATE OF CERTIFICATE.	NUMBER OF CERTIFICATE.	NUMBER OF SHARES.	IN WHOSE NAME.	DATE OF CERTIFICATE.	NUMBER OF CERTIFICATE.	NUMBER OF SHARES.	IN WHOSE NAME.	ADDRESS.
Aug 3	150		Frank M. Laughlin	10-17-81	1	1000	Original Issue	July 9 th 1880
7			10 Martin Force	12-27-81	20	8000	"	" " "
7			10 May E. Bauman	1-3-80	3	1500	1 Theo. Cuskas	Aug. 3 rd "
17			10 Chas. L. Dean	5-1-82	4	8000	1067 C. Batchelor	July 13 th 1881
Nov 1			10 Sam C. D. Matt	3-12-81	25	100	500 P. de Cuskas	Nov. 29 th "
Dec 27			425 J. R. Upjohn	3-14-81	10	100	1067 H. Bergmann	Jan. 11 th 1882
150			75 S. S. Kiffin	5-17-80	10	100		
Feb 24			10 Chas. Eastman	5-17-80	10	100		
"			10 E. Coddington	5-17-80	10	100		
Mar 12			20 John O'Brien	5-10-81	10	100		
14			10 Alfred Reid	"	10	100		
29			10 Cuskas & Saportas	2-24-81	10	100		
May 10			20 E. L. Clarke	12-10-81	10	100		
July 5			1690 E. P. Fabbri	"	10	100		
"			10 E. B. Johnson	2-24-81	10	100		
Sep 17			5 Francis A. Jell	3-27-81	10	100		
23			500 Theo. Cuskas	7-8-81	50	2500		
Oct 7			5 Chas. P. Matt	4-12-81	200	2000		
19			1000 Jas. B. Barker	7-28-81	200	4000		
Nov 9			100 H. S. Perry	11-9-81	300	3000		
Dec 10			10 W. A. S. Kilber	7-9-81	300	3000		
"			10 F. B. Kilber	7-17-81	300	3000		
"			50 O. A. Wassel	10-7-81	300	3000		
"			50 S. B. Eaton	1-11-82	300	3000		
Jan 7			100 Cuskas & Saportas	5-30-82	100	1000		
"			10 S. B. Barker	7-24-82	100	1000		
Aug 26			25 H. L. Jacques	1-26-82	100	1000		
"			75 H. S. Perry	1-7-82	100	1000		
30			5 H. C. Helant	12-10-81	100	1000		
"			90 H. B. Lidenber					
Sept 25			100 "					
Apr 12			500 H. S. Perry					

New York

Sept 4 1880

T. A. Edison

Saw Porter

yesterday, he showed me
his letter to you.

I will see you Monday.

S. B. Eaton

2nd Co NY Sept 17, 60

S B Eaton

~~copy~~

OK file

(Sept. 17/60)

Dear Sir:-

Your article in the South
American is excellent - most
excellent - both in tone,
matter & style. I have
this day sent copies to
Col. Evans and, and to

the Paris, of Paris Engine,

Mr Villard sent me
this morning he was
sick in bed, so on prospect
rich to you was postponed.

I saw Mr Russell
this morning. He says nobody
refuses to answer his questions.

I will be with the

field of the work, probably

Monday.

Again congratulating you
on your article, I am

Sincerely yours

J. R. Eaton

346 Broadway

107 N. 80

To T. A. Edison Esq.

8 Benton
346 BROADWAY

New York 22 July 1890

Dear Sir,

I have been daily expecting
Mr. Lowrey to return, but he
has not come yet, and may
not be here till Monday.

Until he arrives I think
nothing should be done about
the question of when to apply

to the city for right & all
the sheet. I deeply regret
the delay.

Very truly yours

J. R. Nelson

To

T. A. Nelson

May 1st
346 BROADWAY

New York 27th July 1870

Dear Sir

The Lunacy Judge sends
word & me think it is best
and I am to go to Tarrytown
tomorrow night, to talk with
District Judge matters. After
seeing him I will see you.

Mr Russell called to-day.

He says the United States also.

lighter is putting the
light, with your business,
into a house up town. He
thinks the light is done.

I have no late news
from Mr Parker and the engine.

My truly yours
M. J. Allen
To
T. A. Edison Esq.

THE EDISON ELECTRIC LIGHT CO.,
3 BROAD STREET.

ROBERT GRACE, Pres.
B. M. GARLAND, V. Pres.
H. P. FARRIS, Treas.
G. OSBORN, Sec'y.

New York,

Oct 20

My dear Edison

I have Griffen's
note of yesterday enclosing
your cheque for \$500.

I paid the enclosed draft
on the 29th value \$480
and herewith hand you
my cheque for \$20. which
squares up -

Yours truly
G Osborn

NY Oct 6th 80
J. A. Russell
Holland

File N.Y. Oct. 6th 1880.

J. A. Edison Esq.
Dr Sir: Y

Your favor of Oct 5th is to hand. and in reply I would say that the information you desire in reference to the use of Kerosene lamps will be embodied in the "Statistics" in future.

The books already in your possession show the maximum number of gas l^{ts} burned between the hours of 5th to 6 P.M. - especially in Winter.

In regard to the use of electric or hoist I find that they would be universally used if the power could be applied at the price you name. This information will be

found in the "Statistics" in
future.

It is almost impossible to
arrive at a correct estimate
of the amount of gas burned
in Summer, as, in the district
where I am working nearly
all of the firms close business
at or before 6 P.M. In
some cases, however, on dark
days, a piece of business and
the like, they use some gas.

Any further suggestions
which you may be pleased
to make will be thankfully
received by

Yrs Very Respectfully
J. A. Russell.

GOLD & STOCK TELEGRAPH CO.
WESTERN UNION BUILDING,

Small Print: No. 111, N. 1st St.,
P. O. Box 199.

New York,

Oct. 8th 1880

Thos. A. Edison Esq.

My dear Sir, When I saw you last,
you promised to send me a design for
our New Certificate of stock, but I have
not yet received it - Can you not send
it to me at once? I will take some
time to get it engraved, and as we
shall probably soon take action
in regard to a New Company, it
is desirable to have it begun as
soon as possible -

You also spoke of sending
me your views in relation to the
Regulations that should be adop-
ted by the Company for enabling
its Licensees to procure the Appa-
ratus and Appliances for furnish-
ing the Light to Consumers -
I should be glad to receive them
as early as convenient.

Yours very truly
Thos. A. Edison

03-2-1931
W. J. B. B. B.
03-2-1931

• sumaking the design of
I am wkg up the system
of regulations

THE EDISON ELECTRIC LIGHT CO.

30 NASSAU STREET.

JOSEPH GREEN, Pres.
H. M. GILLAMWAY, V. Pres.
H. J. FARRIS, Treas.
C. G. GORDON, Sec'y.

New York, October 15, 1888 188

Dear Sir

The Regular Quarterly
meeting of the Board of Directors
of The Edison Electric Light Comp-
any, will be held on Tuesday
19th inst, at the Office of the
Company at 12 o'clock noon

Respectfully

C. Gordon Sec'y

THE EDISON ELECTRIC LIGHT CO.

10 BROAD STREET.

JOHN G. EDISON, Pres.

W. M. GALLAGHER, V. Pres.

H. P. FARMAN, Treas.

C. GORDMAN, Secy.

New York,

October 16, 1880

Dear Sir On account of previous engagements of several members of the Board the hour for the meeting on Tuesday of inst. has been changed from 12 to 3 o'clock. A full attendance is requested as matters of importance will be considered.

C. GORDMAN
Secy

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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Messages are carried subject only to possible or unforeseen delay to the sending station for completion.

The Company will not be liable for errors or delays in transmission or delivery of messages.

This Company is an **EXTRA-PAID MESSAGE** and is delivered by request of the sender, under the conditions stated above.

A. R. THURMAN, Sec'y.

MORVIN GREEN, President.

Dated New York Oct 18th 1880

Received at MENLO PARK N.J.

To J. A. Edison

READ THE NOTICE AT THE TOP.

Will be out on
the one o'clock train

S. B. Eaton

Graid.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company transmits and RECEIVES messages only on conditions, limiting its liability, which have been accepted by the sender of the communication, and the sender has assumed responsibility for sending or transmitting the message. The Company will not hold itself liable for errors or delays in transmission or delivery of communications.

The message is an UNRECORDED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. H. BREWSTER, Sec'y.

MORVIN GREEN, President.

Dated New York Oct 20th 1886

Received at MENLO PARK N.J.

To J. A. Edison

READ THE NOTICE AT THE TOP.

Shall be out on
three o'clock train this
afternoon I am detained
till then.

J. B. Eaton

14/paid.

Daniel H. Chamberlain,
Walter S. Carter,
Shelburne Blake Eaton,
William B. Hambro,
Eugene H. Lewis.

Law Office of

Chamberlain, Carter & Eaton,

346 Broadway,

New York City.

J. A. Edison, Esq.

Menlo Park,

N. J.

Dear Sir:-

Major Eaton directs me to say to you that he will be unable to visit you tomorrow as he had intended, in consequence of certain matters connected with the Mexican Telephone Company, which require his immediate attention. He will see you probably on Monday.

Yours very truly,

Carl B. Williams,

stenographer.

THE EDISON ELECTRIC LIGHT CO.

30 WALL STREET

George Gale, Pres.
H. M. Galloway, V. Pres.
Wm. James, Treas.
O. S. Sargent, Sec'y.

New York,

Cit. St.

1880

Thos A. Edison Esq
My dear Edison

Please send me a memorandum of the number of shares of stock now owned by you and the names of those whose interests you are under obligations to protect in the matter of the increase of stock with the number of shares owned by each.

Yours truly
O. S. Sargent

Please let me hear from you with a little delay as possible.

Batch	1301	\$
E.H.G.	8	
Geo Adams	25	
Upton	30	
Mrs. E. W. Upton	1	
Francis Fehle	15	
Mrs. Van Cleve	2	
Allen Stillwell		

after the balance is paid
 subtract from my 1500 the
 following & the rest is mine

5 from Geo Adams
 20 W.C. Paine
 5 W.C. Coffey
 8 E. Fox
 20 S. Q. Paine
 30 Geo H. Paine
 30 J.R. Elton
 500 - G. P. Lowry
 618.

7000 100-100

1000 100-100

1000 100-100

1000 100-100

John K. Turner,
Clerk of the Court.
Gen. Walter Sargent,
Chief Justice of the Court.
Gen. S. Hamilton,
Wm. L. Porter,

P. O. Box 1836.

Porter, Lowrey, Loren & Howe
Attorneys & Counsellors at Law
No. 3 Broad St., New York.

Oct. 23, 1890. /42

Thos. A. Edison, Esq.

Dear Sir:

Mr. Lowrey directs me to enclose to you a revised draft of his proposal for a new contract with the Edison Electric Light Company. This is intended rather to suggest ideas than to be adopted as final, and he has enclosed a copy of the same, together with a copy of this letter to Mr. Tracy R. Edson and Mr. Calvin Goddard.

Yours truly

N. A. Fanning.

1870

AGREEMENT made this _____ day of _____ in the year 1880, between Thomas A. Edison, of Menlo Park, New Jersey, party of the first part and the Edison Electric Light Company, a corporation created and existing under the laws of the State of New York, and hereinafter called the Company, party of the second part.

WHEREAS the parties hereto did, by an agreement dated the 15th day of November, 1878, enter into mutual engagements for the purpose of carrying on experiments in respect to the use of electricity as a means of producing heat, light and power, to which said agreement this is supplemental.

AND WHEREAS said experiments have been since the date of that agreement and to the present time conducted by the said Edison at the expense and for the interest and benefit of the Company, for which purpose the Company has furnished the funds provided for by said agreement, to wit: \$80,000 in cash and also the further sum of \$70,000 or thereabouts:

AND WHEREAS the experiments heretofore and now being carried on have covered a much wider field of experiment and observation than was originally contemplated, to the great benefit and advantage of both parties and has required and is likely to require larger sums of money than have yet been paid, as well as more time and effort:

And Whereas in the course of such investigations and experiments inventions have been and are likely to be made which the parties are agreed should of right belong to the Company under the spirit of the said agreement, whether embraced strictly within its terms or not:

And Whereas in view of the premises it is deemed desirable to provide more funds and a method of carrying on the work of the Company in a manner more extended than heretofore as well as to fix with as much certainty as is possible, the rights of the parties in respect to any and all inventions, directly or remotely connected with the subject of using electricity in the manner above described, which may have been made or perfected or may, within the period hereinafter named, be made or perfected by the said Edison:

Therefore It Is Agreed as Follows:

1. The agreement aforesaid, except as directly or by implication abrogated or modified by the terms of this agreement, remains in full force and effect; all its provisions are hereby made applicable to all the inventions, improvements or Letters Patent which are the subject matter of this or the said first agreement.
2. The Company shall be entitled to claim and demand all inventions or Letters Patent therefor of the nature herein described or intended so to be, which may be made or perfected by the said Edison within five years from the 15th day of November 1880, and shall pay the expenses of all

(2)

experiments necessary or useful in the opinion of said Edison and authorized by the Company in the making or perfecting such inventions.

3. This agreement, as well as the agreement to which this is supplemental, shall be deemed to apply to any and all inventions or Letters Patent for means, methods, devices or contrivances of any and every nature whatsoever which relate to or affect in any way the application of electricity to the production by any means or in any manner of either light, heat or power, ~~and~~ also any and all inventions or Letters Patent for making or producing the means, agencies, devices or contrivances aforesaid or any part or parts thereof or for manufacturing the same; or for carrying on ~~the~~ convenience or economy the art or business of producing light, heat or power by or through the use of electrical currents of electricity as a sole agency or united with other means or agents; it being understood, however, that as to all such inventions as are capable of use other than those above described the Company is to license the said Edison to use the same in his own business as a manufacturer of articles which are not applicable to the uses of electricity for light, heat or power.

4. The Company agrees, in addition to the \$50,000 provided in said first agreement and the amounts which have been supplied subsequently to the expenditure of said \$50,000, being in the whole, to the present time, the sum of about \$70,000 a further sum which, adding thereto the par value of the shares to which Mr. Edison is to be permitted to subscribe as hereinafter provided, shall, together with the \$70,000 aforesaid, amount to the sum of \$180,000, to be used in about the business described in said first agreement under the supervision of its Board of Directors and to issue therefor its certificate of indebtedness, payable in five years from the date thereof, (with semi-annual interest payable out of net earnings, if any are made, and not otherwise) which certificates shall be redeemable at the option of the Company at any time before maturity on giving sixty days' notice, by public advertisement in one of the daily newspapers of principal circulation in the City of New York, with the privilege in the stockholders to exchange the same into the capital stock of the Company at par at any time within one month after notice that the said Company is ready to make such exchange, and for the purpose of providing stock for such exchange, the Company agrees to procure a vote of its stockholders for a legal increase of the capital stock of the Company to the full amount of \$480,000 for which increased stock said Edison shall be permitted to subscribe, as part consideration of this agreement for shares and to have the same issued to him in the same manner as is done to holders of said certificates of indebtedness above described.

5. The said Edison agrees in consideration of the premises to accept in lieu of the annual royalty provided in the sixth clause of the said first agreement a percentage of _____ per cent. on the gross receipts of the Company, not, however, to exceed in any one year the amount

(3)

nanced in said first agreement, said percentage not to begin to accrue until the Company shall have paid the \$80,000 to the original subscribers to the cash capital and the \$100,000 to Mr. Edison as provided in said first agreement and shall have paid to its stockholders a yearly dividend of ten per cent on the Capital Stock of the Company, and provided further that in case of assignment by the Company of its entire interest in the Letters Patent or inventions of said Edison to any other Company, provision shall be made to secure to said Edison from said Company an equal amount per annum by way of percentage upon the income of said Company after the payment of the \$80,000 to the original subscribers to stock and the \$100,000 to the said Edison as above provided of a like dividend to its stockholders and with a like limitation of the amount to be paid to said Edison.

Copied

AMENDMENTS to the AGREEMENT between The Edison Electric Light Co. and Thomas A. Edison, Chas. Batchelor, Francis R. Upton and Edward H. Johnson.

P a g e 1

of the printed copy

The party of the second part is changed to "Thos. A. Edison, Chas. Batchelor, Francis R. Upton and Edward H. Johnson, co-partners in business under the firm name and style of The Edison Lamp Co.
The changes occasioned by this occur throughout the agreement.

P a g e 2.

Lines 9-12 inclusive are omitted in the written copy.

P a g e 3.

Section III is changed as to the first six lines by substituting therefor from the 12th line of page 4 of written copy to the 27th line of page 6 inclusive.

The last clause on this page (beginning at the word "and" on last line) has "after receiving from sales of lamps the amount actually invested in the business of said Lamp Company and whenever after such amount is received" inserted in written copy before "the cost thereof" on page 4, line 7.

P a g e 4.

Line 17 &c. "Together with interest at the rate of 6 per cent per annum upon the amount of money actually invested in the business" inserted between "shall" (1st word line 17) and be (the next word).

"licensee" omitted on last line and "Edison Electric Light Company in the manner hereinbefore specified" substituted for it.

P a g e 5 Omitted.

P a g e 6 First eight lines omitted.

P a g e 7

Line 20 "licensees of the" omitted and "or any of them" omitted.

Line 21 "in the manner hereinbefore provided for" inserted before "The Light Company."

P a g e 8.

Line 8 "and the terms of this contract" inserted before "in view."

Line 14 "The Light Company in accordance with the notices herein referred to" inserted before "and acting."

Line 15 "to comply with covenants and agreements of this contract" inserted before "by the."

*Written copy
1st half page
1.*

Page 2 Line 27.

*Page 4 Line 12
to
Page 6 Line 27*

*Page 7 Line
14 &c.*

*Page 8 Line
16 &c.*

*Page 9 Line
6 &c.*

Page 11 line 11 &c

Page 11 line 14

*Page 12 line 5
&c.*

*Page 12 line
17.*

Page 12 line 27

(2)

P a g e 9.

First line omitted.

Page 15-line 22

Line 15 "provided the notices herein referred to are given" inserted before "to fail" and "of standard lamps needed for actual consumption" inserted before "any one or more" omitted.

P a g e 10.

Page 17-line 8

Line 11, 12 and 13 omitted partially.

Line 19 "after reasonable notice to do so" inserted after "Company."

Page 17-line 14

Line 22 "but the Lamp Company shall not perfect any rights acquired under this contract if the Light Company shall fail in giving the notice required herein" added to end of Section 8.

P a g e 11

Line 26 of page 17

Line 1 "to the same extent as if they were originally included herein" at end of line inserted.

Line 28 of page 17

Line 3 "Lamp Company or any member thereof" substituted for "Edison or any of his associates above named."

Page 18-line 14

Line 11 omitted "or any member thereof" substituted

14 " " line 21

Line 14 "provided it or they can reasonably do so without detriment to its business interests" inserted before "Prompt Notification."

S e c t i o n 10 omitted.

P a g e 12 omitted to "In Witness Whereof" &c

P a g e s 19 & 20 in the written copy also entirely different from the last page of the printed copy as to construction &c.

THE EDISON ELECTRIC LIGHT CO.

3 BROAD STREET.

New York, October 30th, 1880.

The annual meeting of the Stockholders of the Edison Electric Light Company, for the election of thirteen Trustees to serve for the ensuing year, and for the transaction of such other business as the Stockholders may deem necessary, will be held at the office of the Company, No. 3 Broad Street, New York, Thursday, November 11th, at twelve o'clock, noon.

The transfer books will close at 2 P. M., Nov. 4th, and re-open at 10 o'clock, A. M., December 1st, next.

By order of the Board of Directors.

C. GODDARD,
Secretary.

THE EDISON ELECTRIC LIGHT COMPANY,

3 BROAD ST., (Broad Building)

New York, October 30th, 1880.

SIR:

Referring to enclosed notice of a Special Meeting of the Stockholders of this Company to be held on the 30th of November next, for the purpose of voting upon a proposition to increase the Capital Stock of the Company to \$480,000, I enclose herewith a proxy to vote at said meeting, which please sign and return in the enclosed envelope, that if you cannot personally attend the meeting your stock may be represented thereat.

Very Respectfully,

Your Obedient Servant,

C. GODDARD,

Secretary.

THE EDISON ELECTRIC LIGHT CO.,

3 BROAD STREET, (Broad Building).

New York, Oct. 30th, 1880.

A Special Meeting of the Stockholders of the

EDISON ELECTRIC LIGHT COMPANY

will be held at the office of the Company, No. 3 Broad Street, New York, on Tuesday the 30th day of November, at 12 o'clock noon, for the purpose of voting upon a proposition to increase the Capital Stock of the Company to \$480,000. The polls will be open from 12 o'clock noon, to 4 o'clock, P. M.

TRACY R. EDSON,

E. P. FABBRI,

JAMES H. BANKER,

R. L. CUTTING, JR.,

H. VILLARD,

J. O. GREEN,

R. M. GALLAWAY.

*A Majority of
Trustees.*

①

(Nov. 4) '80

New York 6

24 Edison no

Effect Mr Lowry and
myself Monday eleven
oclock train 10 Station

1 Paid $\frac{m}{\pounds}$ 6.25 pm

THE EDISON ELECTRIC LIGHT CO.

BROAD STREET

NEW YORK
NEW YORK
NEW YORK
NEW YORK

New York, Nov 15 1880

Dear Sir,

I take pleasure in
notifying you of your election as
a Trustee of this Company for the
ensuing year.

A meeting of the Board
for the election of Officers & for the
transaction of business will be
held tomorrow Friday at 2 1/2
P. M. at the office of the Company.

Very Respectfully,

C. Johnson

Wynors
Gordon
noans

NY Quincy Ill.
12th Nov 1890

Dear Mr Edwin. As Secretary
of the meeting of Trustees of
Y. E. Legal Co held today, I
was instructed to advise you of
a resolution that paper & etc
afford that the Executive Committee
be requested to visit Mr Edwin
& Mr. P. W. L. early next week
for the purpose of consulting with
him as to business & the
taken for bringing the Company
before the public &c.

The Committee will convene
on Monday afternoon.
Arriving about 10 o'clock.

The resolution also requests
the Sec. to request Mr Edwin
to have Mr. Wilson present
at the same time.

I am sorry that I am
not with you at the moment.
that he act first - yet make
him. It shall be sent by you

Have an, my days.
With best wishes,
I remain yours
J. W. Jones

346 Broadway,

New York, 15th Nov 1886

Dear Sir -

Mr Lowrey has been ill
all the week, but now expects
to go to Menlo Monday on
eleven o'clock train,

Did you see both Wey's
Post on Maxims' light?

Sincerely yours

To

T. A. Edison Esq.

S. M. Salton

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company transmits and delivers messages only on condition, limiting its liability, which have been accepted as by the order of the following message.
Messages are accepted subject only to paying a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of telegraphed messages.

The message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. B. BROWN, Sec'y.

NORVIN GREEN, President.

Dated New York Nov 15th 1880

Received at MENLO PARK N.J

To J. A. Edison

READ THE NOTICE AT THE TOP.

Executive Committee
Come down this afternoon
would like to meet Wilber
then -
G. W. Surin
12 point

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company transmits and delivers messages only on condition, limiting its liability, which have been accepted as by the order of the following message.
Messages are accepted subject only to paying a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of telegraphed messages.

The message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. B. BROWN, Sec'y.

NORVIN GREEN, President.

Dated San Francisco Nov 15th 1880

Received at MENLO PARK N.J

To Thos A Edison Esq

READ THE NOTICE AT THE TOP.

I have been ill at home for ten days, was out yesterday and expected to go to Menlo Park today but am worse and cannot - will see you the first day I can be about. Perhaps in order to arrange contracts and various other things you can come up here some day - arrange with Goddard

Ed. Lowrey

53 St.

N.Y.N. N.S.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS AND RECEIVES messages only on condition, limiting its liability, and does not warrant the accuracy of the messages received, or the promptness of the transmission, or the delivery of the messages. The Company will not be held liable for service or delays in transmission or delivery of telegraphed messages. This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. B. BROWN, Sec'y.

NORVIN GREEN, President.

Dated New York, Nov. 16th 1880

Received at MENLO PARK N.J.

To Thomas A. Edison

READ THE NOTICE AT THE TOP.

Will you go tomorrow
to Barrytown by Eleven O'clock
train with your Eaton,
where will you meet
him - don't fail to answer

P. L. S. R.

3 paid

This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. B. BROWN, Sec'y.

NORVIN GREEN, President.

Dated New York 16 188 0

Received at N. J.

To T. A. Edison

Menlo Park

READ THE NOTICE AT THE TOP.

Can you arrange
to go with Eaton to
Barrytown by Eleven
train tomorrow

Green

13 paid you 312 pm

Invitation to go
we are working night
at day here

11 collect

THE EDISON ELECTRIC LIGHT CO.,

9 BROAD STREET.

WALTER GREEN, Pres.
E. M. GALLAGHER, V. Pres.
E. P. FARRIS, Treas.
C. GODDARD, Secy.

New York, Nov 10 18 88

Dear Sir

An adjourned meeting
of the Directors of the Edison Electric
Light Company will be held at
the office of the company at 30
to day.

Yours Respectfully

C. Goddard Secy

Address
of
New
York
City
May 19, 1880

346 Broadway,

New York, 19th May 1880

Dear Sir -

Can you furnish me with
the address of Charles W. Pond,
of this City: the inventor of im-
provements in electrical signalling
apparatus -

I saw your interview in the
last days Herald. You rather went
for Maxim, I am glad of it.

To
The Editor of
The Herald
Very truly
Yours
L. A. Salvi

628
24

N Y Nov 21, 80

Wm R. Edison
Nov 21, 80

195 Broadway
New York Nov 20, 1880

My Dear Mr. Edison

I yesterday received from you the "Plans" for laying Wires in the Streets, for which I thank you — A Committee has been appointed, of which I am Chairman, to take measures to obtain permission to lay Wires and Pipes for conveying Electricity for illuminating the City of New York, and as a preliminary step, I have today called upon the Commissioner of Public Works, Allan Campbell Esq. with whom I am acquainted, and stated my desire that he should visit Menlo Park, with me as soon as you are ready and see you and the Light as I saw it the other evening, in a private and quiet way, before any public exhibition or announcement is made, as he could have a better opportunity, in that way, to examine into and judge of the merits of the system.

He said he took great interest in the subject, and should be much

pleased to visit you, and to see
the light, and would go at any
time, if I would give him a
day or two's notice beforehand,
of the time when you would be
ready to see him and show the
light. He also asked if he could
bring Mr. W. C. Cormick, Superintendent
ent of Camps & Gas, to which
I assented.

Now as I think it would be
a great assistance to us in getting
the rights we desire if these Gentles-
men should be favorably impressed
in regard to our light, I would like
it very much if you would make
arrangements to exhibit it to them
in the manner above indicated,
as soon as you conveniently can,
and if you will advise me two
days before the time when you
will be ready, I will notify Mr.
Campbell, and bring him out

to see you, — should suppose you can be
ready next week, and if not, I would suggest
Wednesday Dec. 14 or Friday Dec. 3^d —
Please have the Wrights inform me of
either of these days will visit you and if not,
day before you will be ready, and I will
be present accordingly.

Very truly Yours,
Henry A. Watson

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, that it has been furnished in its possession of the instrument sent to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of uncorrected messages.

This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the condition named above.

A. R. BREWSTER, Clerk.

MORVIN GREEN, President.

Dated New York Nov. 26th 1886

Received at MENLO PARK N.J.

To Mr. Casman

READ THE NOTICE AT THE TOP.

Ask Edison and
let me know in the
morning if the Engine
will run Sunday evening
for cutting & friends to
see light. They will arrive
down thirty.

Griffin

6th NY Nov 26 56
S.A. Station
News

Nov. 26, 1956

File

Shaw -

Jim Tullane interview
is official. Tone and
letter, both good. If
Maxim people are trying
to sell stock, Jim

standing with him
them. I have heard several
speak of it, I am =
glad that you are
Success is an inter-
view, or, rather, is
an interview.

I am just starting

you today have it - please the night with
the story, and is with 'emphatic', but
shall be back tomorrow, and will
drop in on you early next week.

With the best wishes, from the family, I am
Yours truly
J. H. Paine

The Gold and Stock Telegraph Co.,

WESTERN UNION BUILDING,

195 Broadway,

New York, Nov. 27th 1880

My Dear Mr. Edison

I duly rec. your favor of 22nd inst.
and to-day Mr. Goddard informs me that you
prefer that Mr. Campbell & Mr. McCormick
should come on Wednesday next, Dec.
1st and I have since seen both of
the Gentlemen, and they have agreed to
come by the 3 P.M. Train on that
day, expecting to return by the
6 P.M. train, and as Mr. Goddard in-
forms me that you kindly offered
to entertain the Gentlemen at your
house, I beg to suggest that you
arrange it so that we can return
by that train, — I regret to give
you and Mr. Edison so much trouble
but hope you will excuse it in view of its
importance, Very truly yours,
Nancy W. Edison

file

Tarrytown, Nov. 28th 1880.

My dear Edison.

The luck seems badly against me in respect to going out to see you. You know perhaps that I have been confined for more than three weeks to the house, except last Monday, when I went to New York for the almost single purpose of visiting you on Tuesday; but on Tuesday morning I found it prudent to get back as soon as possible, and I have been in bed until yesterday (Saturday) evening. Now I expect to be down town again this week.

I have various topics to discuss with you.

Maxim.)

It is a good "Maxim" not to crow until you are out of the woods; and that is all I have to say about Maxim. I am informed that Dr. Lugo says that more than two years ago he had exactly what Maxim's patents describe in respect to the use of hydro carbon, and as I understand from Mr Kent he proposes now to ask for a patent in precisely the language of Maxim.

Fabbri.)

I enclose a copy of a letter from Mr. Fabbri of Fabbri & Chauncey, and a copy of my answer, as the shortest way to explain that subject. He will no doubt go out to see you about India, and we must put that matter straight as soon as possible. The same should be done in respect to all the other countries.

Eaton.)

I am anxious to have Eaton in the Board, and my intention was to propose on the day of the election that he should be elected in the place of a gentleman who has but a small interest and whose presence there is of no importance; but on Election day I was sick, and could not do so.

There is a little bit of small jealousy about Eaton in the Board; chiefly on the part of one gentleman with whom it is purely technical. He does not like to hear of Mr. Eaton's being consulted about anything, because he says Mr. Eaton is not officially connected with the company. Probably you and I realize more fully than any body else, that some one is needed who will give his entire time and brain to the

business now on hand. My first business when I get out will be to see how a vacancy can be made and I must ask your co-operation in getting the Board to elect Eaton.

Goddard is a little sensitive about Eaton going in and does not, I think, take quite the right view of the field which is to be occupied.

I have asked Howard Butler, who is now studying law, to come into our office and make a special study of infringements as collateral to Mr. Wilber's investigations.

I think you desired to retain Causton Browne also, and I am in favor of that, now that we have funds for such expenses.

What do you think of retaining Storrow, the Bell Telephone man?

I hope I shall see you about Wednesday or Thursday.

Yours truly,

J. P. Lemay
by A.

Enclosures,)
Copies of two letters.)

THE EDISON ELECTRIC LIGHT CO.

CHICAGO, ILL.

JOHN W. GILLES, Pres.

H. M. GILLES, Secy.

M. P. GILLES, Treas.

G. GILLES, Asst. Secy.

December 10th 1886

Per C. St.
Thomas A. Edison Esq.
My dear Sir,

The proposed
Contract with the Buckeye
Engine Co. has been sub-
mitted to the Executive
Committee and by it
approved. The officers
of the Company will
execute the same whenever
the form of contract and
specifications receives
Your approval.

Yours truly
C. Goodard Day

Memo Park N.Y.

Dec 13 1886

To The Edison Electric Light Co.

My occupations here prevent me from attending the meetings of the Board and I think it will be for the interests of the Co that I should resign as a director and that you should elect Major Sherburne B Eaton in my place. I have great confidence in Major Eaton's capacity and I do not doubt the Board will concede the propriety of my naming my successor. I suggest that the transaction of the Company's business will be made more easy

and systematic by creating the office of Electrician, and for the present you may perhaps think me competent for the place; at any event there need be no salary attached to the office until further notice,

Very Respy Yours,

Thomas A. Edison.

THE EDISON ELECTRIC LIGHT CO.,

2 BRIDGES STREET,

NORTH GREEN, N.Y.
J. M. GALLAGHER, PRES.
H. P. FARRIS, TREAS.
G. GOUGH, SECY.

New York,

December 15, 1880.

My dear Edison,

Enclose rough draught of a letter addressed to the Hon. John J. Harris which it is considered desirable for you to write and sign, to be used with him for the purpose of securing the right to lay wires and wires in the whole City of New York. As it is important that we should have this paper to use tomorrow I send it to you by Mr. Thayer who will bring it back to me this evening.

Very truly Yours
Edwards
E.M.A.

THE EDISON ELECTRIC LIGHT CO.,
9 BROAD STREET.

NEWTON GREEN, ENGL.
DR. M. CHALMERS, V. PRES.
DR. F. F. FARRIS, TRUST.
C. GOSWELL, SECRET.

New York, December 15 1888

Hon. John J. Morris,
President of the Board of Aldermen.

Dear Sir:

Learning from Major Taylor that you expressed an unwillingness to vote for the passage of a resolution granting permission to the Edison Electric Light Company, to lay its pipes in the City of New York, would it had demonstrated the practicability and advantages of the system under a resolution passed for that purpose two years ago. I beg most respectfully to say that the reasons I did not avail myself of the permission granted to make an experiment in the City of New York were, my shop and laboratory had been previously established at Ingle Park where I had abundance of room to train assistants and where I could elaborate the experiment much more satisfactorily and cheaply than I could possibly have done in the crowded streets of New York. You can readily understand that such a work as I have been engaged in for the past two years must necessarily have been in its earlier stages largely experimental, requiring constant changes to adapt the system to the developments that surround

THE EDISON ELECTRIC LIGHT CO.,

8 BROAD STREET,

NEW YORK, N.Y.
 R. H. BASSETT, V. PRES.
 E. P. FARMER, TREAS.
 C. DODD, SECRET.

2

New York,

18

from time to time and had I undertaken the experiment in the City, must have resulted in great inconvenience not only to me but to the public, in frequent disturbance of the streets in laying and changing of the necessary conductors. More than a year ago I had so far completed my experiments that I was enabled to satisfactorily demonstrate the efficiency of my system of lighting and am now ready to introduce it practically in New York & elsewhere. It is for this purpose I desire the permission for which our Company is about to make application and as a considerable amount of capital must be invested it is desirable that the Company have something more than a mere permit, revocable at pleasure.

I should be very much pleased to confer with you personally upon this subject and to that end would be glad if you would name an early day when you would visit me at Central Park that I may show you the system at work here and give you full information in regard to the plans of the Company for introducing the light in the City of New York & I have no doubt that I can rely

THE EDISON ELECTRIC LIGHT CO.,

8 BROAD STREET,

NEW YORK, N.Y.
 R. H. BASSETT, V. PRES.
 E. P. FARMER, TREAS.
 C. DODD, SECRET.

3

New York,

18

on your hearty co-operation in a work of so much importance to the City.

John K. Porter.
Gravesend B. Livery.
Gen. Wales Barn.
Capt. Francis Stone.
Gen. S. Hamilton.
Wm. L. Porter.

Porter, Lowrey, Loren & Stone
Attorneys & Counsellors at Law
No. 3 Broad St. New York.

P. O. Box 1836.

D. C. C. 16, 1836. ~~1836~~

My dear Edison:

Some one said in the office to-day that you were going to light five hundred lamps on Sunday night. If there is to be anything burning on Monday, I should like to come down with Mr. Navarro and his friend, Mora. They are now in correspondence with people in Cuba and are proposing that they should come on to see the light for themselves. There is a strong inquiry from Cuba, and I should not be surprised if that would show a profitable business sooner than any other country.

Very truly yours

W. P. Lowrey

John H. Porter.
Cresswell H. Lowry.
Geo. Wiles Horn.
Chas. Francis Stone.
Geo. S. Hamilton.
Wm. L. Porter.

P.O. Box 1836.

Porter, Lowry, Horn & Stone.
Attorneys & Counsellors at Law.
No. 3 Broad St. New York.

D_e_c. 17, 1890. 764

My dear Edison:

I shall not present your letter of resignation as Mr. Fabbri very strongly objects to your leaving the Board. His expression was that "Edison's name is a tower of strength to us, and if he never attended a meeting, it would be a great loss if his name should not appear at all times among the names of the Directors." As soon as the matter was put to me in that way, I confess I saw it in the same light. I, therefore, mustered up courage to go to another Director, who has promised to resign. The reason I did not go to him before was that I have had some unpleasant business relations with him and was afraid he would have thought me actuated by some spite to him.

We yesterday organized and filed the articles of association of the "Edison Electric Illuminating Company of New York," under the general gas company act of this state, stating the object of the organization to be to illuminate the streets, &c. by gas. We have to state this as the object in order to perfect a legal incorporation, but every gas company has by law, after it is

organized, the right to turn itself into an Electric Light Company, and we have prepared a long ordinance to be submitted to the Common Council if we are so advised, granting us the franchise to lay down wires over the entire city.

I was told yesterday that Mr. Hyde claims that they can make their lamps for ten cents each, and that they can burn ten per horse power. The size of the conductor was not stated.

Yours very truly

T. A. Edison, Esq.

J. P. K.
 Enclosed is copy of the proposed ordinance, which we shall introduce on Tuesday & I suppose will afford all the rest.

PRIVATE.

New York, Dec. 18th 1880.

Dear Sir:

I shall be very glad to see you, with other members of
the City Government, at Menlo Park on Monday evening ^{Decem 20th} ~~at~~
~~at Menlo Park~~ to witness an exhibition of Electric Lighting and also
the various operations ^{connected therewith} which are being carried on in my Laboratory
and shops, ^{in the production of a} with a view to make a perfect light, adapted to ordin-
ary domestic ^{& Commercial} use.

This is in no sense a public exhibition; ~~however~~ ^{however} but
every facility will be afforded to invited guests to see all that
is involved in the manufacture of the lamps and the production of
the light.

The train leaves Courtlandt Street Ferry at 4:30
o'clock and returns from Menlo Park at 9:30 o'clock.

Very respectfully yours

Thomas A. Edison

To

John K. Porter.
Governor H. Lowry.
Gen. Wales Stone.
Cliff. Harris Stone.
Gen. S. Hamilton.
Wm. L. Porter.

Porters, Lowry, Loren & Stone
Attorneys & Counsellors at Law
No. 3 Broad St. New York.

P. O. Box 1836.

Dec-18 1871

To J. A. Edison

Dear Sir,

This is to inform you that the Articles of Association of the Edison Electric Illuminating Company of New York have been duly filed, and that it is important that the Directors named in the certificate should assemble as early as possible to elect officers, as important business, now under negotiation, requires that the Company should be represented. You are invited, therefore, to meet the other directors, at my office, on Monday the 20th inst. at 11.30 A.M.

Yours very truly
C. P. Lowry.

file

THE WESTERN UNION TELEGRAPH COMPANY.

ALL MESSAGES TAKEN BY THIS COMPANY SUBJECT TO THE FOLLOWING TERMS

[illegible]

incurred by contract in writing, stating agreed amount of risk, and payment of premium thereon at the following rates, in addition to the usual charge for repeated messages, viz.: one per cent. for any distance not exceeding 1,000 miles, and two per cent. for any greater distance. No employee of the Company is authorized to vary the foregoing.

—The Company will not be liable for damage in any case where the claim is not presented in

NORVIN GREEN, President

Dec 20th 1880

Send the following message, subject to the above terms, which are agreed to.

G. L. Goddard

23 Wall St-

New York City

44

How many invited guests

11/11/68

4. Pol.

3 READ THE NOTICE AND AGREEMENT AT THE TOP.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability which have been accepted by the sender of the following message.

Errors can be regarded as arising only by repeating a message back to the sending station for comparison and the Director will not hold itself liable.

This message is an **UNREPEATED MESSAGE** and is delivered by request of the sender, under the conditions named above.

A. R. DREW, Sec'y.

NORVIN GREEN, President.

Date New York Dec 20th 188

Received at MENLO PARK N.J.

To Mr. Carman

READ THE NOTICE AT THE TOP.

About forty in
iterations.

C. Goddard

Spaid

T. A. EDISON,

Menlo Park, N. J.,

Dec. 21st 1880.

R. Goddard, Esq.,
Sec. of the Edison Electric L. Co.
Dear Sir,

The contract
as drawn between the Packard
Engine Co. of the 1st part
and the E. E. L. Co. of the
second part is approved
by me as covering all essential
points and I do affirm that
an engine which will fulfill
the requirements as stated
in this contract will prove
in every way satisfactory for
running the Edison dynamo
electric machine.

John H. Porter,
Counselor at Law,
Geo. Walter Horn,
Chas. Francis Stone,
Geo. S. Hamilton,
Wm. L. Porter.

Porters, Lawrence, Loren & How.
Attorneys & Counsellors at Law.
No. 3 Broad St. New York.

P.O. Box 1836.

D. C. 21, 1890.

My dear Edison:

File

I said this morning I was going to draw the Lamp Manufacturing Contract, but when I sat down to it I was reminded that I had previously found myself lacking in proper information and that I had asked you the last time I was at Menlo, to make an outline draft of it for me. Can you do that? My impression is that the Company cannot give itself away upon the manufacture of its lamps by putting it out of its power, in case it should be dissatisfied, to make them for itself or for others to make them. The best which can be done with such an arrangement is to make it to the mutual profit of each party to continue the arrangement. You will remember Mr. Goddard's plan of an adjustable scale of prices, by which you were to have a larger pro rata of profit as the cost to the Company went down. He can draw that clause more satisfactorily than any one else probably and I will ask him to do it and will send it to you.

The Ordinance was referred to-day to the Law Committee

2

of the Board of Aldermen and goes over until next week. Perhaps we shall not get the franchise from this Board as their time is so short.

Very truly yours

T. A. Edison, Esq.

H. P. Love

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which here-
tofore has been in the order of the following contract.
The Company will not be responsible for any loss or damage to property or delivery of messages or messages.
This message is an UNRECORDED MESSAGE and is delivered by repeated the sender, under the conditions
same as above.

A. B. BREWSTER, Sec'y

NORVIN GREEN, President.

Dated New York Dec 23 1879

Received at

Edison
menlo Park

READ THE NOTICE AT THE TOP.

We intend coming tomorrow
night don't fix day
for public exhibition
before I see you
at any rate don't
make it Friday

E. P. Abbott

W. D. H. aus

Hof



DEPARTMENT OF PUBLIC WORKS,
Bureau of Lamps and Gas,

Room 44, City Hall, 51 Chambers St.

New York, December 27th 1890.

C. Goddard, Esq.,
Genl Edison Electric Light Co.
Dr. Sir-

As you will see in my Report of Decbr. 31, 1890, reference was made to the Electric Lamps and machines of that time, and principally to the "Arc" light. Since then, however, improvements have been made in Dynamo Machines and Lamps and their use has been greatly extended, and, I believe that Mr. Edison has solved the problem of the Incandescent light. I therefore propose in my Report for the year ending December 31, instant, to note the advances made in the system of Electric Lighting and desire especially to refer to the Incandescent system of Mr. Edison.

I will therefore be obliged, if you will obtain for me the necessary memorandum information from Mr. Edison or from some of his Associates, giving, as far as possible, a complete description of his system, the lamps, the carbons, from the bamboo to the carbonizing of the same, obtaining the vacuum, description and size of the

large Dynamo machine he is now constructing, the number of lamps
it is calculated the machine will supply; and the horse power
calculated to run it when working up to its full capacity, with number
of revolutions per minute; also method for lighting and turning off
different circuits, and regulating the current when a number of lamps
are turned off on a circuit, also for decreasing any break or accident
on a circuit; also a description of his Meter for measuring
the amount of electricity or light used. And any other data
which may be of interest.

If he has good cuts of the Lamp, Machine, Meter,
etc., I should like to show them in my report.

Very Respectfully, Yours, &c.,

J. Mc Cormick
Supt. Lamps & Gas,

THE EDISON ELECTRIC LIGHT CO.,
5 BROAD STREET.

JOHN GREEN, Pres.
J. W. McALLISTER, V. Pres.
W. W. WARD, Treas.
A. G. DODD, Secy.

New York, *December 27* 1880.

Saml. St. Wood Esq
No 69 Williams St
Rm 4. S. T. 6 -

Thomas A. Edison, Esq.

My dear Sir:

This will
introduce Mr. A. T. Woodward
who has been sent to me by
Dr. Green to show a patent in-
sulating material which he
is introducing. Please look
into the matter and see
whether it would be of advantage
to our Company to use it

Yours truly,

A. Woodward
Secy

THE EDISON ELECTRIC LIGHT CO.,
2 BROAD STREET.

MORTON GREEN, Pres.
H. M. GALSWAY, V. Pres.
E. F. FAIRBANKS, Treas.
C. GREENMAN, Secy.

New York, *December 29th* 1880

Thos Edison Esq
Menlo Park

My dear Sir

This will introduce
Mr Martin Green, brother
of my friend Hon. Andrew
McGreen. Mr Green takes
great interest in the work
you are doing and I
shall be glad if you
will give him an oppor-
tunity to see the results
of your labors

Very truly yours

Oliver

THE EDISON ELECTRIC LIGHT CO.
8 BROAD STREET

JOHN GARDEN, JR.
J. M. GARDEN, JR.
J. P. GARDEN, JR.
J. P. GARDEN, JR.
J. P. GARDEN, JR.

New York,

Dec 30 1880

file

Thomas A. Edison, Esq.

My dear Sir:

Notwithstanding all that has been written on the subject of electric lighting and our system in particular, the general public seem to have a very incorrect notion of what it is we propose to do. A large number of letters are received asking information which could well be answered by a printed circular giving a brief description of the system, how the light is produced, how managed and how used. Something of this sort would be extremely useful, not only as a means of answering correspondents but to combine with other information in respect to the organizing of companies, granting of licenses etc. which we must shortly issue to send to parties whose applications are on file & who have been promised information when the Company was ready for business. Will you kindly

THE EDISON ELECTRIC LIGHT CO.

8 BROAD STREET

Special Delivery, Free
J. C. HARRIS, N. Y. City
N. Y. HARRIS, N. Y.
C. HARRIS, N. Y.

New York,

#2

J. C. H.

19

allow Mr. Clark or Mr. Upton, or both,
under your direction to prepare the ma-
terial for such circular making it as
brief as the subject will allow simply
giving a general idea of the system, and
send it to me as soon as possible.

We had quite a satisfactory meeting
of the Executive Committee today at which
I represented your views as expressed
yesterday & measures have been taken
to perfect our Company organization
for active business.

Very truly Yours,
C. Howard

The Circular should include
Lighting for cities & towns
Lighting Factories & detached buildings already
supplied with power
Lighting Steamers

THE EDISON ELECTRIC LIGHT CO.,
3 BROAD STREET,

MORTON GREEN, Pres.
D. M. GALLAGHER, V. Pres.
R. J. FARMAN, Treas.
C. GODDARD, Sec'y.

New York,

Dec 31st 1880

Mr. A. Edison Esq.
Dear Sir:

This will introduce
Mr. A. M. Davies of
Lynchburg, Va who is
the representative of
a Company organized
some time ago with
the intention of securing
our system for that
City. Please give him
an opportunity to
see the workings of
the system.

Yours truly
C. Goddard

THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on condition, leaving the liability, which may be assumed by the sender of the foregoing message.
Arrangements for sending messages by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of messages.
This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.
A. B. BREWSTER, Secy. NORVIN GREEN, President.

Dated New York 19 1880

Received at N. Y. Edison

READ THE NOTICE AT THE TOP.

Enclosed
I hope you will be
able to come in to
direction meeting of light co.
tomorrow come and see me
first

G. P. Lowry

215 N stamp 215 353pm
dp

(1880)

NY 19 (Novi?)
N. Y. Edison

*Lowry telegraphs he does not
think it prudent for him to go
to Mon. Saturday will try
to do so Monday*

Goddard

(Edison, L.G.) (1890)

6 & 6 last

of 6 & 6 last

23 Race St

N.Y.

Case and all Buckeye
they have contract
signed

7 A Edison

Dear from Stefan

2- New York 27

S. Z. Griffin M.D.

Have sold two at your limit remember
will not come until middle of week

C. Goddard

Is called

1880. Electric Light - Edison Electric Light Company of Europe, Ltd. (D-80-024)

This folder contains correspondence, articles of incorporation, and other documents relating to the establishment of the Edison Electric Light Company of Europe, Ltd. Formally incorporated in New York in 1880, the company held control of Edison's electric light patents in all the countries of Europe except for the United Kingdom. Related material can be found in D-80-026 (Electric Light - Foreign).

All the documents have been filmed except for duplicate copies of correspondence.

Jane

Defendants Exhibit - D.C.

1890 F. Don. 1. 7/15
L. F. Europe

Defendants Exhibit - D.C.

(Dec. 23,
1890)

State of New York,

ss:

(Under page)

OFFICE OF THE SECRETARY OF STATE,

31-12880

44110

It is hereby Certified that an original certificate for
the formation of a corporation in the class of limited
liability corporations, under the corporate name of
The Edison Electric Light Company of Europe
Limited

was filed in the office of the Secretary of State,
under Chapter 611, Laws of 1875, entitled "An act
to provide for the organization and regulation of certain
business corporations," on the Second day
of January 1880 and that the following
is a true and correct copy of said original certificate
(the same having been compared with said original)
and of the whole thereof.

32-12-PPO

State of New York

City and County of New York } 55

To James H. Bauer, a citizen and resident of Irvington in the State of New York; Robert C. Cutting; Robert L. Cutting Junior; and Walter R. Cutting, who are severally residents and citizens of the City of New York in the State of New York; and Stockton D. Sheffens, a citizen and resident of Monte Park in the State of New Jersey; do hereby certify that we propose to form a corporation under the provisions of an Act of the Legislature of the State of New York, entitled "An act to provide for the organization and regulation of certain business corporations" passed June 21, 1875, and the acts additional thereto and amendatory thereof; such corporation to be of the class of limited liability companies provided for by the thirty third section of said act of June 21, 1875, and accordingly, in pursuance of the provisions aforesaid, we do further certify as follows, to wit: _____

First: The names of the proposed

corporation is to be "The Edison Electric Light Company of Europe Limited"

Second: The objects of the proposed corporation and the nature of its business are to be respectively the acquiring, operating, selling and licensing the use of inventions and apparatus for producing light, heat or power by electricity, and Letters Patent of European Countries therefor; and the doing of such other business as is incidental to the objects and business aforesaid,

And the locality of the business of the proposed corporation is to be chiefly at the City of New York, in the State of New York, but also in such Countries of Europe as may be necessary for effecting the objects aforesaid or any of them.

Third the capital stock of the proposed corporation is to be Two millions of dollars.

Fourth. The number of shares of which such capital stock is to consist is to be twenty thousand of the par value of one hundred dollars each.

55-12-10
Fifth. The location of the principal business office of the proposed corporation is to be in the City of New York in the State of New York.

which such capital stock is to consist is to be twenty thousand of the par value of one hundred dollars each.

53-12880

Fifth. The location of the principal business office of the proposed Corporation is to be in the City of New York in the State of New York.

Sixth. The duration of the proposed corporation is to be fifty years.

In witness whereof we have hereunto set our hands at the City of New York this nineteenth day of January in the year 1880.

James M. Barker

R. L. Cutting

R. L. Cutting Jr.

W. L. Cutting

Stockton L. Griffin

State of New York
City & County of New York } ss.

On this 19th day of January in the year 1880, before me personally came James M. Barker, R. L. Cutting, R. L. Cutting Jr. and W. L. Cutting, to me severally personally known and known to me to be the same persons described in and who executed the foregoing instrument and they severally acknowledged to me that

they executed the foregoing instrument,
and for the purposes therein mentioned, And
the said James H. Baker R. L. Culling,
R. L. Culling Jr. and W. L. Culling, being
by me severally duly sworn, did each
for himself depose and say that at the
time of signing the foregoing Certificate
he was and now is a citizen and res-
ident of the State of New York

Seal

Randolph Hurry
Notary Public
N. Y. Co.

State of New York

City & County of New York

} ss:

On this 20th day of January
in the year 1880, before me personally appeared
Stockton L. Shiffin to me personally known and
known to me to be the individual described
in and who executed the foregoing instrument,
and acknowledged that he executed the same
for the uses and purposes therein mentioned.

Randolph Hurry
Notary Public
N. Y. Co.

And it is further hereby Certified, That upon the filing of
said Certificate, of which the foregoing is a true and correct copy, on the
2nd day of January 1880, as aforesaid, a license
was issued by the Secretary of State pursuant to said act to said Shiffin.

And it is further hereby Certified, That upon the filing of said Certificate, of which the foregoing is a true and correct copy, on the 2nd day of January 1880 as aforesaid, a license was issued by the Secretary of State, pursuant to said act to the five persons named in and who made and acknowledged said certificate, empowering them as commissioners, to open books for subscriptions to the Capital Stock of said proposed corporation, at such times and places as they might determine. _____

And a verified record of the proceedings of said commissioners, having this 23rd day of December 1880 been filed in the office of the Secretary of State, containing a copy of the subscription list to the Capital Stock of said proposed corporation, together with a copy of the By-Laws for said proposed corporation, adopted by the subscribers to said Capital Stock at a meeting of said subscribers held at No 19 William Street in New York City

on the 18th day of December 1880, pursuant to the provisions of said act, as appears from said verified record aforesaid, at which subscribers' meeting as aforesaid, five directors (being the number provided for in the said By-Laws of said proposed corporation) were also chosen, whose names as further appears from said verified record of proceedings, filed as aforesaid, are as follows, to wit:

Thomas A. Edison

James W. Barker

Clinton L. Griffin

Robert L. Gulliver

Frederick W. Pratt

Now, Therefore, I, Anson D. Wood Secretary of State,
do hereby certify that said corporation, to wit: The Edison Electric Light Company of America Limited
is fully organized in accordance with said act, Chapter 611, Laws of 1875;
and that all the provisions of said act have been duly observed in the organization of said corporation as herein above set forth. _____

Witness, my hand and the seal of office of the
Secretary of State, at the City of Albany, this
23rd day of December 1880.

[L.S.]

Anson D. Wood

Secretary of State.

Filed and recorded Dec 23, 1880 and agreed with the original
as compared therewith by me,

Anson D. Wood
Deputy Secretary of State

for

State of New York,

OFFICE OF THE SECRETARY OF STATE

S.S.

I have compared the preceding copy of Certificate of Incorporation with the record thereof remaining in this office, in Book entitled "Record of Incorporations," number 2, at page 581, and I do hereby certify the same to be a correct transcript therefrom and of the whole thereof.

Witness my hand and the seal of office of the Secretary of State, at the City of Albany, the twenty fourth day of January, one thousand eight hundred and eighty seven.

Charles H. Clapp
Secretary of State.

Answered by Banker

Blank No. 1.
THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which have been submitted to by the sender of the following message.
Messages sent by parties against only by repeating a message back to the sending station for transmission, and the Company assumes no LIABILITY FOR DELIVERY OF UNRECORDED MESSAGES.

A. R. BREWER, Secy. WILLIAM ORTON, Pres't.

Dated New York 7/10 1880

Received of Mr. J. P. Edison

READ THE NOTICE AT THE TOP.

Menlo Park N.J.
Have endeavored to the
Banker cannot get at
him. Is Electric Company
for Europe organized yet
if not when will it
it be. Cannot find
any body give me
information. Hostelt phone
stock been issue kindly
reply
A Hedgecouch
344 paid

T. A. EDISON,

Menlo Park, N. J.,

Jan 20 1880.

Received from Thomas
A Edison Seven hundred
and fifty dollars being
5% ^{of share} ~~of share~~ ^{now} stocks and all
regards European and Light stocks

Francis R. Mpton.

The Emancipator Co for which the light is in an
 em. trans. & state branching will be done
 P. O. Box Burrill, Davison & Burrill,
 1881, any one for same will be
 Attorneys & Commissioners at Law
 John & Burrill, 68 & 70 William Street
 Charles & Burrill, 68 & 70 William Street
 Charles & Burrill, 68 & 70 William Street
 George & Burrill, 68 & 70 William Street
 New York Feb. 21, 1880.
 responsible parties.

Dear Sir:

A company of Italian gentlemen, of the highest position, are contemplating the introduction of your electric light into the Kingdom of Italy. They wish to obtain, in the first place, complete information on the subject; and then, if they be satisfied with the result of their inquiries, they will desire your cooperation in its introduction to public use. They request us

to communicate with you, and to get the information they seek.

We shall be glad to meet you here or at your own house, to confer with you in regard to the matter; and in the mean time they desire us to ask that you will not make arrangements with other parties in Italy (if there be applications from any others) without first giving them an opportunity to negotiate with you.

Yours very truly,
 Burrill, Davison & Burrill.
 Thomas Edison Esq.

(Dec 17/80)

REPORT--

A meeting of the subscribers to the capital stock of the Edison Electric Light Company of Europe, Limited, will be held at the Company's office, at No. 14 William Street, New York City, on Saturday, the 18th day of December, 1880, at 1 o'clock P. M. for the adoption of By-Laws for said corporation, and the Election of Directors thereof.

New York, December 14, 1880.

James H. Benson,

Robert E. Cutting,

Robert E. Cutting, Jr.

Walter E. Cutting,

Stockton E. Griffin,

To

Commissioners, City of New York.

Thomas A. Edison, Pearl Park, N. J.

James H. Benson, Irvington, N. Y.

Stockton E. Griffin, Pearl Park, N. J.

Charles Batchelor, Pearl Park, N. J.

R. E. Cutting, 141 Fifth Ave., N. Y.

W. S. Saperstein, 123 East 23rd St., N. Y.

*Noted
Edison
Benson
Cutting
Griffin
Saperstein
note
Edison
Benson
Cutting
Griffin
Saperstein*

John K. Porter,
Greensboro N. C.
Geo. W. Bates,
Chas. H. Bates,
Geo. S. Bates,
Wm. L. Bates.

P. O. Box 1830.

Porter, Lathrop, Loomis & Hemen.

Attorneys & Counsellors at Law.

No. 3 Broad St. New York.

Dec. 22. 1850.

Dear Mr. Edison. I hope to get the Edison
Co. Company of Europe organized right, this
time, by Christmas.

I have got from Mr. Small to say
a schedule of the Continental patents
& application, with a view of having the
proper ones turned over to the Company.

You once spoke of having this done, but
fortunately, as it turns out, it never has
been lost.

The Company wants some Capital of
course and I shall be ready at any
time to follow your instructions in the
matter. I say yours, because I fancy
not a word from you will be polluted
with your associates, as nothing from any
other source will be.

Yours
J. K. Porter

J. K. Porter

New York, December 27th 1890.

Sir:--

A meeting of the Directors of The Edison
Electric Light Company of Europe, Limited, will be held at the
office of the Company at No. 19 William Street in the City of
New York, on the 29th day of December instant, at 1 o'clock P.M.

By order of the President.

Stockton L. Griffin,

Secretary.

Porter, Lowrey, Toren & Stone
Attorneys & Counsellors at Law
No. 3, Broad St. New York.

Lev 27. 1150

Arnell has some arrangements with her
right in Europe to work them enough to turn them

Mr. Lowell is to send me, if any are
given by New Year's day, a list of foreign
patients in whose accounts fall due 1844,
with statement of amount of those accounts
which may need to be renewed.

New York, December 30th 1880

Sir,

A meeting of the Directors of
the Edison Electric Light Company of
Europe, Limited, will be held at the
office of the Company at No. 19 William
Street in the City of New York, on the
3rd day of January, 1881 at 1 o'clock P.M.

By order of the President,

Stockton L. Griffin

Secretary

Yours attend

Want to get things legal
wth no negotiation or
changes

We, whose names are below written, hereby severally
 subscribe for and agree to take the number of shares of the
 Capital stock of 'The Edison Electric Light Company of Eu-
 rope, Limited,' which are set opposite our respective names
 in the following

List of Subscribers
 to the Capital Stock of
 The Edison Electric Light Company of Europe Limited

Names	Residence	No. of Shares
Thos A Edison	Menlo Park N.J	5000
James H B Smith	Livingston New York	1667
Stockton L Griffin	Menlo Park N.J.	5
Chas Batchelor	Menlo Park N.J.	5
W. L. Smith	New York	5
Edmund A. ...	St. Louis	3834
Widuck W. Foote	do	100

John K. Porter.
Grosvonts & Levey.
Geo. Viles Stern.
Chas. Francis Hoar.
Geo. S. Hamilton.
Wm. L. Porter.

P. O. Box 1836.

Porter, Levey, Stern & Hoar
Attorneys & Counsellors at Law.
No. 3 Broad St. New York.

24th Mar. 1871.

Edison & Legat Co.
of Europe. &c.

Dear Mr. Griffin - Your Company is
now completely organized and you
can proceed to business as quick
as you like -
Yours. Sincerely
Stern.

(D-80-025) [number not used]

1880. Electric Light - Foreign (D-80-026)

This folder contains correspondence and other documents relating to the establishment of electric lighting systems in foreign countries. Much of the material pertains to an agreement between Edison and Ernest Biedermann regarding the electric light in Switzerland.

All the documents have been filmed except for duplicate copies of correspondence.

John H. Porter,
Governor's Secretary,
Gen. Walter Sear,
Chief Bureau Clerk,
Gen. S. Hamilton,
Wm. L. Porter.

*Porter, Leavrey, Toren & Howe,
Attorneys & Counsellors at Law,
No. 3 Broad St., New York.*

P. O. Box 1836.

Jan. 2, 1880.

My dear Edison:

I should think you would be entirely worn out. The intelligent public will take it perfectly well if you give a notice through the papers that, after a certain date, you will not receive any more visitors until you have completed a greater number of lamps.

I have something to say to you which I presume you will not think it necessary to mention to Banker or Puskas. I was visited to-day by a gentleman who is in intimate relations with some of the most important financial people in Germany. He has received five despatches within the last few days in respect to the Electric Light in that country. I explained to him, as well as I could, the situation of the titles, and in the course of my remarks, said that you probably would be willing, considering how far away this business would be, to sell some part of your interest in the patents in Germany, or in the company which is organized for those continental companies. Indeed, I suggested that, possibly, if a sufficiently liberal offer were made, you would be

John K. Porter,
Governor of Maryland.
Gen. Walter Smith,
Chief Justice of the
U. S. Supreme Court.
Wm. L. Porter.

Porter, Leary, Torrey & Stone.
Attorneys & Counsellors at Law.
No. 3, Broad St., New York.

P. O. Box 1836.

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willing to part with the whole, as you would have remaining your interest in this hemisphere, as well as in England, Norway, Sweden, India, Portugal, Australia, &c., and as you have partners in all those other countries, whose skill, capacities and connections you have confidence in, it would cost you no labor to hold on to your interest there. My friend seemed very much struck with the idea of buying out your 30-60 in Banker's company. I did not pursue the conversation, because I was not at liberty to do so until I should have written to you, but if you feel disposed, I will sound this matter further and see what can be done. The time is not fully ripe yet, but I think I could get you a very large sum of money for your half. As I do not see that this in any way affects the interest of your associates, I beg that you will not mention it to any one.

I told Serrell to-day to prepare assignments or licenses for Cuba for all the patents, so as to have them ready to be signed by you. This ought to be done before you transfer the patents. I explained the whole matter to Banker, and he said that

John R. Porter.
George H. Blawie.
Geo. Walter Dean.
Clara Maria Dean.
Geo. S. Hamilton.
Wm. L. Porter.

P. O. Box 1836.

*Porter, Lowrey, Loren & Stone,
Attorneys & Counsellors at Law,
No. 3 Broad St., New York.*

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as soon as the company was organized, he would, as President of the company, make the assignments according to your wishes. Mr. Navarro has always mentioned Porto Rico in connection with Cuba, but I think I never mentioned it to you. I do not know whether we could do that or not.

You can speak to me about the other business when I see you, which will be sometime next week. Do not you feel that you would like to take a rest and come up to Tarrytown again? What do you, and Mrs. Edison say to coming up next Saturday? I would like to have you answer this part of the letter.

I have been authorized by the Electric Light Company to-day to make a contract with Mr. Wilber, and have so informed him.

Yours truly

Y. P. Lowrey

T. A. Edison, Esq.

John R. Porter.
Governor H. Lacey.
Geo. Wales Stern.
Chas. Edward Stone.
Geo. S. Hamilton.
Wm. L. Porter.

P.O. Box 1836.

Porter, Lacey, Loren & Stone.
Attorneys & Counsellors at Law.
No. 3 Broad St. New York.

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P. S. Fabbri & Chauncey wish to know if the Ore Milling
business for South America is open to be negotiated for. If it
is, let me deal with them for you. They say that in Chili there
are a good many gold mine, but very likely they are not hydraulic
mines and they do not understand the matter.

THE WESTERN UNION TELEGRAPH COMPANY

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Sender can be awarded against only by repaying a message back in the sending station, for cooperation, and the Company will not hold itself liable for errors or delays in transmission or delivery of Unrepresented Messages.

This message is an UNREPRESENTED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. R. DREWER, Sec'y

NORVIN GREEN. 10-21-10

Twice

Received 6/

T. Edison

mp

READ THE NOTICE AT THE TOP.

Edison My Kindly
appoint me agent
light France

Murray

11 Collect.

Handwritten signature: *Handwritten signature*

✓ Cable January 11 1900
Edison Menlo Park

Cable approval registration
Edison Electric Construction
Company Limited for
manufacturing and erecting
Colonies and Countries
having no patents no
liability yourself

24 Jan
Direct



Tolson Jany 29/81
Gouraud
to
Edison

no reply

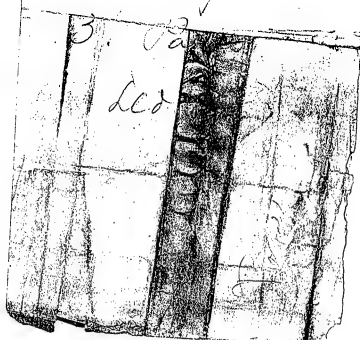
Cable
No 3 Edison
Meulo Park
N. J.

July 3^d 80

Heavy decline values
Griffins telegram charged
fraud Cable over
signature tonight
for Monday morning
journals numbers
Length lighted
Exhibition and complete
Comparative Economic
statement gas and

light regardless
expense remittance
covering Monday

Bailey



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pany will not be held responsible for any delay in transmission or delivery of messages not addressed to the
proper office.

A. H. BIRKBECK, Sec'y.

WILLIAM ORTON, Pres.

Dated Cable Jan 5 1880

Received at _____

To Edison

Munich

In Herald December 21

Correct.

London

direct

H. F.

READ THE NOTICE AT THE TOP.

1
Cable Jan 7, 80
6 N. 3m.

Edison
Menlo Park
New Jersey

Strong association of Bankers
and merchants requests
me to ask you under what
condition you will let
them have your patent
for Europe and Switzerland
in particular by purchase
or royalty on all light

Adams
American Consul

46 Geneva

answer paid
ten words

509

1 Jan, 7, 80
Cable
Adams
Geneva

Sold Except Switzerland
unpatented will treat
strong parties

10 Collect
Wians

840 pm 9 Ra

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THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been approved by the several State and Federal Commissions.

Messages sent by the Western Union Telegraph Company are not subject to the provisions of the Act of March 3, 1878, relating to the liability of telegraph companies, and the Company will not hold itself liable for any loss or damage in transmission or delivery of messages sent by the Western Union Telegraph Company.

A. B. BIRKBECK, Sec'y.

WILLIAM ORTON, Pres.

Date Receipt Jan 2 1880

Received of _____

Adams
Memlo Park N.Y.

READ THE NOTICE AT THE TOP.

Have you received telegram
from Adams. Consul at
Geneva Sixty and will
your answer direct

J. C. Young
Adams Ex Co

18 paid
H. f.

T. A. EDISON.

Menlo Park, N. J.

July 8 1888

J. C. Young
Adams Ex Co
N.Y.

Have answered direct

Edison

35H

7/12
9 LS

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THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been accepted by the sender of the following messages.

Messages sent and received by this Company are subject to the conditions of the Company's General Regulations, and the conditions of the Company's Special Regulations, which are on file at the office of the Company.

A. H. BREWER, Sec'y.

WILLIAM ORTON, Pres't.

Date Cable (Jan. 8) 1898

Received Answer paid for 20 kds

To Edison

READ THE NOTICE AT THE TOP.

Cable received instructed
by Biedermann and strong
syndicate to ask you
Cable on what basis
you will treat and
on what terms send
samples all rights
at once

Adams
38 Geneva
answers paid 20 kds

H. J. F.

Geneva, June 20, 1912

11-2-11-1

13

Edison

THE NEW YORK PUBLIC LIBRARY

T. A. EDISON.

3

Menlo Park, N. J.,

July 6 1880

Adams

Geneva Switzerland

Have Biedermann ^{complete} negotiations

through Drexel Morgan & Co

Company here, cannot spare
samples yet, all working.

Edison

20 - Collect

7/10/80
G. L. A.

Blank No. 1.

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Messages can be quoted against only for transmitting a message back to the sending station for transmission, and the Com-

pany will not be held responsible for any loss or damage to property or delivery of messages.

This message is an UNREPEATED MESSAGE and is delivered by request to the following named address.

A. R. BREWER, Secy.

WILLIAM ORTON, Secy.

Date Cable 17/8/80 1880

Received at Reponse phase 15

to Mrs. Edison

READ THE NOTICE AT THE TOP.

munlo Park
Chicago
United States
Due de l'Etat depute
Ponix begs Mr Edison
to telegraph him price
of his Electric lamps
with directions will
Cable back money
so as to have lamps
sent immediately
40 Paris l'Etat
answer paid 15 words
Hot

T. A. EDISON.

W

Cable

Menlo Park, N. J.

June 8 1880

Feltre

Paris

Lamps fast as made lighted
day and night. Testing. cannot
spare any yet

15 Collect

708 pm
4 R

T. A. EDISON.

K Menlo Park, N. J.

July 7 1877

Pickerman Geneva
Switzerland

You have refusal for
sixty days better get
your own patent. Concession
I will ship lamps & other
samples & enclosures

Edison.

20 Collect

his angus

Menlo Park N. J. July 7

807 m
97v

Blank No. 1.

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Messages can be prepaid against only by receiving a message back to the sending station for transmission, and the Company will not hold itself liable for errors or omissions in transmission or delivery of messages except in cases where the sender has been notified of such errors or omissions before delivery.

A. R. BREWSTER, Secy.

WILLIAM ORTON, Pres.

Dated Cafee 1/9 1880
Received of Answer paid 20 words
S. Edison
Minlo Park N.Y.

READ THE NOTICE AT THE TOP.

I will treat through Dixie's
by letter so please
Cable refusal for 60
days must have few
samples sent by mail
to secure trade mark
in your name

Biedermann

35 Geneva

ans. 20 words paid

T. A. EDISON,

Menlo Park, N. J.

July 9th 1880.

(Cable)

Professor Edison

Philadelphia

Reply ten words paid if no

engagement for lamps
patent right right Italy
to Contract

Stevens & Co

21 Turin

Ans 10 words

Grif answer

OK answered July 16
JH

Stevens & Co

Turin Italy

In Hands of Company
here,

Edison

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which have been printed on the reverse of this blank message.

Messages can be charged against only by receiving a message back to the sending station for transmission, and the sender will not be held liable for price or delivery in transmission or delivery of the message.

The Company is not responsible for messages delivered by means of the telegraph.

A. H. BREWER, Sec'y. WILLIAM ORTON, Pres't.

Date Aug 17 1880

Received Reply paid five cents

To Edinburgh

Philadelphix

wait send february

patent right for it

Europe

Bundel

14

answer five

Sveden

24

320 PM

READ THE NOTICE AT THE TOP.

102 Cable Jan 9 80
~~James G~~
~~Drexel Morgan~~

Bendle

Dresden

Dec Drexel Morgan

Collect
805th
9th
trans

T. A. EDISON.

Menlo Park, N. J.

July 11

1880

12 45 PM

Cable

Professor Edison

Reply five words paid

Menlo Park

Is Edison there where
Stevens

12 Turin

Ans paid

5 words

B. G.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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Messages are not guaranteed against loss or delay in transmission or delivery of the Western Union Telegraph Company.

The messages are UNREPEATED and are to be delivered by whom, at the sender's risk, the conditions named above.

A. H. BELL, Sec'y. WILLIAM ORTON, Pres't.
Dated Cable 7/11 1880
Received at 7.49 PM
To Edison

READ THE NOTICE AT THE TOP.

Memlo Park
Confirming telegram
Stevens please reply
Capitalist ready
purchase patent rights
Haid. Miller
13 Turin
Answer

Write to say that all statements
that the light is a failure are false.

Turin January 12th 1880
14 hours of one sheet
registered for past 4
years. say we have placed
them in the hands of the
Professor Edison who submitted the
Nucleo Park patent, & they
will doubtless hear
from them

Dear Sir,

We requested you by telegram 9th inst,
to purchase your Lamps' patent rights for
Italy. - Our telegram was confirmed yesterday
by the firm Haid Muller, which you are well
connected with, and which is in perfect accord with us.

Though evil reports were circulating
in Turin yesterday - as you will see in the paper
we send you - that it is false that you have
invented a new system of illumination, we
are, instead, in the firm conviction of your
having succeeded in your studies, and do,
therefore, maintain our proposal, as we entertain
the highest esteem for your genius.

Our joint partners Haid Muller, as
also the bankers and capitalists with us concerned,
are of the same opinion. We, therefore, write
this in order to state that we are disposed to
obtain your patent-rights for Italy, being desirous

to take all necessary steps to secure them.

We are also ready to give you full proofs of the earnestness of our proposals and of the possibility of satisfying the conditions of the legal agreement that we may hereafter make together. -

We fully trust that you will countenance our request and promptly reply to us, it being in your own interest to make as many observations, as are the various states in the world.

We are ready to delegate a person to negotiate with you or with your representative agents, assisted by some one of the capitalists.

We are well aware that there are persons here, who have concerted together upon discrediting your invention, and, nevertheless, they will perhaps apply to you in order to combine with you; but as they positively, according to our knowledge, are coming to an agreement with Jablonskoff, so their negotiations will prove waste of time for you.

We in conclusion declare to be ready to give you the highest references of our firm, even through Diplomatic agencies, as well as to furnish you with all possible securities.

Yours
Very sincerely
Stevens & Co

HAED, MÜLLER & CIA
ESCRIBANO
C. via S. Francisco de Paula 6.

TORINO
24 Via degli Indelli
BIELLA
Via Dronetti

Turin 17th January 1880

Mr. Thomas A. Edison
Menlo Park (New Jersey)

Dear Sir

We had the pleasure of writing to you
in date of 6th instant - and yesterday to word you
as follows:

Confirming telegram Stevens - Please reply -
Capitalists ready to purchase patent right.
H M C.

In consequence of the enclosed publication in one
of our principal newspapers, describing your
invention, announced by Paris journals as a
mere hoax, and a false news, nothing
whatever had been invented by you till now.

In presence of your kind communication of
20th Sept. last year, we must interpret such
publication as a slander and falsehood -
and at once in union with the firm Stevens &c
we called for a meeting on which number of Italian
Bankers and highly respectable persons took place
on purpose to form at once a committee of
promoters of a company for Italy to work out
your patent.
As we trust that should any other party

from Italy make proposals to you, you
will find, keep us present, as, and the firm
Stevens & Co we being concerned in it, and
thus we both firms have been the first to
apply to you -

We assure you that you cannot expect
better terms from anybody else and no one
here can give such references, even by
government than the firm Stevens & Co

We therefore expect that you will be
kind enough to forward cordially to us
all particulars concerning your system
of lighting

We are dear Sir yours truly
Haid, Muller & Co

L'APPLICAZIONE DELLA LUCE ELETTRICA alla illuminazione pubblica

La questione dell'applicazione della luce elettrica all'illuminazione pubblica di alcune vie di Torino, è posta formalmente sul tappeto, in seguito alle domande presentate al nostro Municipio dai rappresentanti in Italia della Società Jablochhoff in unione alla Società Torinese.

Non noi discutiamo del merito dell'applicazione della luce elettrica alla pubblica illuminazione, poiché meglio di qualsiasi ragionamento valgono i risultati degli esperimenti.

Ora si tratta appunto di sperimentare in siti sperti e pubblici la luce elettrica, sistema Jablochhoff, ed a tale scopo mira la domanda presentata al Municipio di Torino.

Ieri però abbiamo ricevuto dai rappresentanti della Società la seguente lettera:

« Signor Direttore — Per norma dei suoi lettori ci facciamo un dovere di comunicarle la copia esatta della proposta presentata al signor Sindaco di Torino il 2 corrente e la copia di una seconda nota presentata questa mattina, relativa alla notizia della supposta scoperta di Edison.

« Non l'interesse della verità sarebbe conveniente che il pubblico potesse conoscere la detta proposta per *summa capita*.

« Inoltre per edificazione del pubblico sarebbe più conveniente far conoscere l'estratto d'una lettera giuntaci stamane da Parigi, da persona degna di pienissima fede, e lo confidiamo l'originale venga presto stesso autorizzabile a farne l'uso che vuole.

Torino, 10 gennaio.

log. Imperatori e Muller. »

N. B. — (Estratto) « Paris, 8 janvier 1880 — O. voici la vérité. Edison n'a rien inventé du tout. C'est un coup de Bureau monté par Parivier du Fijaro et un banquier juif d'ici: M. Van-Dill; ils ont voulu inaugurer une seconde édition du coup d'octobre 78, et ils y ont trompé, non seulement, mais le Syndicat des agents de change leur fait un bon procès pour fausse nouvelle; car tout était faux jusqu'à la dépêche..... »

I punti principali della domanda presentata al Sindaco di Torino il 2 corrente sono i seguenti:

« Un gruppo di persone autorevoli, appartenenti all'alto ceto torinese della Banca, ha deciso costituire in Comitato promotore d'una Società, allo scopo d'applicare in Italia l'illuminazione elettrica pubblica e privata, col sistema privilegiato Jablochhoff.

« Questo sistema è già attivato in modo permanente: a Parigi in 39 località — nelle province francesi in 33 località — nelle principali città d'Europa in 92 località.

« A Londra dopo un anno di prova, per conto del Municipio, il sistema Jablochhoff è stato adottato ufficialmente e definitivamente per tutta la linea della Metropolitan.

« L'applicazione di questo sistema dunque è un fatto compiuto.

« Si chiede:

« 1° Di collocare dieci o dodici fanali elettrici in Piazza Castello, poi giorni di Carnevale, di varia intensità luminosa, cioè eguali a 40, o 20, o 10 lamine a gas, stando provisoriamente le macchine motrici ed elettrodinamiche nel fossato

del Palazzo Madama, e pregando all'uso, la S. V. Ill.ma d'incorporare i suoi buoni uffici per ottenere dall'R. Demanio il relativo permesso.

« 2° Dopo questa illuminazione preliminare chiede d'impiantare stabilmente a Torino, nel corso dell'anno corrente 1880, la luce elettrica, per uso pubblico e privato, dalla piazza Vittorio Emanuele, per via di Po, piazza Castello, per via Roma, a piazza Carlo Felice, sopprimendo le lanterne a gas, e colla retribuzione di cui si appresso.

« Tanto l'uno che l'altro impianto sarà fatto a spese del gruppo sopradicato proprietario della privata Jablochhoff, e a quelle condizioni contrattuali che verranno fissate e stipulate d'accordo, le quali saranno proposte in un progetto di dettaglio.

« I prezzi unitari per i fanali elettrici di varia intensità sono i seguenti, tanto per il pubblico quanto per i privati:

« 1° Fanale del potere di 40 gas cent. 60 all'ora;

« 2° Fanale del potere di 20 gas cent. 30 all'ora;

« 3° Fanale del potere di 10 gas cent. 15 all'ora.

« Con questi prezzi il Municipio potrà avere il seguente risultato:

« A parità della luce attuale, economizzerà il 40 o 0 sul costo odierno del gas, cioè oltre a 200,000 lire annue. »

I proponenti non avendo ricevuta alcuna risposta dal Sindaco, gli diremo: ieri una seconda lettera in cui si insiste sulla necessità di una pronta risposta, e sulla convenienza che venga accettata la presentata proposta.

I proponenti ripetono nella loro Memoria:

« Che l'esperimento sulla costanza al Municipio del suo impianto e procurandogli invece nel consumo della luce un'economia di oltre al 40 o 0 sul prezzo attuale del gas, merita che per suo mezzo la detta economia sia constatata pubblicamente.

« Che nella detta illuminazione parlati di Torino, adottatamente applicabile ed applicato; non si esclude il diritto del Municipio, e la convenienza per parte della Società di adottare in appresso il sistema Edison, qualora esistesse o qualora dall'esperienza venisse giudicato pratico ed attuabile, o qualsivoglia altro perfezionamento si effettuasse in avvenire.

« Che nei sistemi Jablochhoff, Edison, e altri, l'impianto per la produzione dell'elettricità, delle macchine motrici ed elettrodinamiche, della posizione dei fili conduttori per la divisibilità della luce, è identico, la sola differenza consistendo nella lampada luminosa. Quindi nell'interesse del pubblico e del Municipio, giova intanto che detto impianto si faccia, salvo poi a decidere d'accordo quale delle due lampade luminose convenga adottare.

Dopo la lettura dei citati documenti, il lettore è in grado di conoscere a qual punto si trovi la pratica che interessa, non poco la popolazione torinese.

Ci asteniamo per ora dall'esprimere un giudizio esplicito sulla questione, però non possiamo non deplorare l'indifferenza del Municipio che non ha ancora risposto alle domande della Società.

A nostro avviso il Comune non può rifiutare la chiesta autorizzazione per l'esperimento, poiché la medesima non vincola per nulla la sua libertà di giudizio e di scelta sul nuovo sistema d'illuminazione.

Signori Haid, Muller & C.^{ia}

6. VIA S. FRANCESCO DA PAOLA 6.

TORINO

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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A. R. BREWER, Sec'y. 2 WILLIAM ORTON, Pres't.

Dated Cable 7/13 1880

Received at Edison

Menlo Park

Jablonskoffe system
predicated reply

Stevens

J. Goreno

READ THE NOTICE AT THE TOP.

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 This message is an UNREPEATED MESSAGE and is delivered by request of the sender under the conditions stated above.

A. R. BREWER, Sec'y. 1 WILLIAM ORTON, Pres't.

Dated 7/13 1880

Received at Edison

Menlo Park

Do you authorize Hayes
take one sixtieth

interest instead

Roosevelt

Boiley

14 Paris

READ THE NOTICE AT THE TOP.

T. A. EDISON,

Menlo Park, N. J.

1880.

Edison Menlo Park

Edison my
Will you consent
to my transferring Roosevelt
one light share Puskas

13574
forwarded from me

T. A. EDISON.

Menlo Park, N. J.

1880

Cable
Puskas
Paris
Yas

3 Menlo Park

11:00 AM

Morning Jan 1880

Dear Edie

Mr. Killam
will call upon you
about purchasing your inter-
est or a part of it in Brooke
- If you send him to me
I think I can do well for
you

Dexel Morgan & Co's ideas
were not liberal enough
to talk about

Y

L. H. Morgan

I will send Villard to
you when he comes,

SEDE SOCIALE A LONDRA

Direzione Generale

Cesena

Cesena Sulphur Company, Limited

MINIERE DI

BORATELLA ALZUNO, BORELLO TANA, MONTE AGUEZ, MONTE COBRUZZO
SAN ROMANO, CA DI GUIDO, CA DI CASTELLO, CAMPITELLO

Cesena il 19 January 1880
Italy

Professor Edison

Menlo Park

Illustration des

I am penetrated with admiration for your genius which gave birth to so many remarkable inventions, and am convinced by the description of your latest discovery of electric lighting, that you have solved this great question, in the simplest and most practical manner.

I am the eldest son of Governor Louis Kossuth, the leader of Hungarian independence, who was a guest of the U. S. Government and people at one time, and has received there, the warmest welcome.

I am a civil and mining engineer by profession, still an exile from Hungary, but rather extensively known as a professional man in England, France, and Italy.

I am managing Director of a large Mining Company (the Cesena Sulphur Company) but this occupation leaves me time for other pursuits.

My object is to obtain from you the privilege of representing you in one of the three countries (England, France or Italy); or in all three, alone, or jointly with other persons enjoying your confidence.

I have no doubt, that I could, most efficiently co-operate to obtain the greatest possible financial and practical result from your electric lighting, your sextuplex telegraph, your Faradic machine etc. in any one, or all three of the above countries of Europe.

I am reluctant to say more of myself, except that the name I bear is a moral guarantee for my trustworthiness & my position in the world; and the professional position I hold is a material guarantee for my business capacities and extensive connections. - Both, a priori, speak in favour of my being able to hold efficiently the capacity which I earnestly hope you will be willing to concede to

Yours very respectfully

Francis Rosselli

address

Cesena

Province of Forlì

Italy

Prof. Edison

Menlo Park

U. S. America

Francis Rosselli
Cesena
Italy
1880

1 New York 6/27/81

Admission

Please send me
copy of contract with
foreign countries which
I wanted to see yesterday

H. Willard

20 Nassau St

18 paid
H. S. J.

10-25-air

3

Cable

July 28 81
322/100

Answer paid 20 words

Edison

Mar 20th New Jersey

Obtained trade mark from Government
can have papers only against sample
Cable date when you shipped lamps
and how many when received will
immediately make firm offer through
overseas

cc

Bickerman

37 Generals

Ans 20 words to paid

H. S. J.

20 NASSAU STREET, ROOM 24,

NEW YORK, January 31 1888

J. A. Edison, Esq.
Menlo Park, N. J.

Dear Sir,

I telegraphed you on the
27. inst. as follows:

"Please send me copy of contract
"with foreign countries which I failed
"to see yesterday."

Having no reply, I beg to repeat
my request herewith. I felt justified
in making it inasmuch as you
kindly offered at the Park to let
me see the contract.

Yours truly,
H.illard
per Ed.

Cable

Feb 1st 80
10074

answer paid 10 words

Edison
Menlo Park
New Jersey

Cables you last Thursday were
paid 20 words am without
reply please reply at once

Biedermann

24 Geneva

ans 10 words

T. A. EDISON.

1
Menlo Park, N. J.,

Cable -

Feb 30
1880.

Biedermann
Geneva Switzerland

Have done as you request

Edison

9 = answer was paid.

5-15
9/10

JOHN WAUGH,
ASSOC. INST. G.E.

22, TYRRELL ST.
BRADFORD.

Write Waugh
today (Fly) to come
at any time. sly

Feb. 3rd 1920

Thomas Alva Edison Esq.
West Branch
New York

Dear Sir

On Saturday I said for New York
in order to see your agent before I had to forward
to you in advance some letters of introduction -
or rather copies of - the originals I will present
all being with myself on arrival - so that
from the 7th Saturday I shall have an in
New York - the Fifth Avenue with his ring
hotel - If you will kindly write me there
to say what date will suit you I shall
feel immensely obliged - For Practical Wiring
of Steel Works, Mills & Public Buildings the City
now in operation are getting orders - I am
holding back for my clients until I have done
Yours - With best wishes

I am Dear Sir
Yours Oly. John Waugh

Copy

6 Lombard Street, E.C.
London Jan. 29th 1880

Thomas Alva Edison Esq
Moul's Park
New Jersey

U. S. A

My Dear Sir

This will introduce to you -
Mr John Waugh of Bradford, on whose
behalf I have been asked to write a
letter of introduction to you by my
correspondents in Bradford, whose letter
I enclose.

I shall be glad if you will
facilitate Mr Waugh in his mission.

I am, my dear Sir
Yours very truly
S. E. Gouraud

Copy

Lawson, George & Wade
Solicitors

8, Piccadilly
Bradford, Jan. 29th 1880

Dear Sir,

Edison's Telephone

We have duly received your letter of the 28th inst and enclosures for which we are obliged and which shall be submitted to the Committee in due course.

Edison's Electric Light

We may perhaps be allowed to mention that a client of ours Mr John Waugh, Civil Engineer, Bradford, and who was for some years Supt Engineer to the Midland Railway Co is about paying a visit to the United States for the purpose of obtaining information relative to Mr Edison's Electric Light and understanding that we were in communication with you in connection with the Telephone Mr Waugh has desired us to enquire whether he may ask for a letter of introduction from yourself to Mr Edison which will enable him to approach the latter to better advantage than could a mere stranger.

Mr. Maugh is making his proposed visit at the instigation of Mr. Isaac Holden formerly M. P. for Lancaster who is also a client of ours and whose firm at their works in Bradford and at Reims and Croix in France are stated to be the largest gas consumers in the world. If you can oblige Mr. Maugh in this matter we shall regard it also as a favour to ourselves.

We are, Dear Sir

Yours faithfully

Rawson, George, & Wade

S. C. Howard Esq.

6 Lombard Street

London. E. C.

3/ New York 2/4/80

Edison -

Biderman of Geneva
says, cabled Edison twice
no reply, Will you give me
an answer for him

Balfour
59 Broadway,

20 paid

Hotsu
10.04 am

5 Cable

July 4, 80
8.52 am

Answer paid 10 words

Edison
menlo Park
new Jersey

Received yesterday's despatch no reply
to mine January 28 answer paid
asking number and date lamp 24, 15
prompt reply important

Biderman

28 Geneva
ans paid 10 words

T. A. EDISON,

Menlo Park, N. J.,

Feb 6th 1880.

Kruzi'

Want 6 Lamps' regular
Size Carbon

New holders, 1 on a small
bracket, all packed

so they will bear

transportation to

Geneva Switzerland

1 Cable

Feb'y 9. 80

Brederman

Geneva Switzerland

Lamps sent by Austin Baldwins

Express last Thursday

Edison

12 Collect the amount of Jan'y 28
+ Feb'y 12th
swam

Paid at other end

John K. Davis.
Governor of New York.
Geo. Walter Searns.
Chief Justice State.
Geo. S. Houston.
Wm. L. Brewster.

P. O. Box 1836.

Porter, Lowrey, Torrey & Stone.
Attorneys & Counsellors at Law.
No. 3 Broad St. New York.

Sept 14 1896

Dear Mr. Torrey. The paper has been
drawn by Mr. Smith at our Lawy
request for execution by you. It is under
stood by you. I enclose.

If you will return it to me
after execution I will hand it to Mr
Navarro.

The arrangements for my Edition gets 65% of the
Navarro pays all expenses - I did not
intend to have Mr. Doren send that paper to
you. It is a matter to be considered by
J.P.L.

What arrangement has been made
with Mr. Navarro
regarding the Cuban
rights. Should that not
be fixed before making
the assignment.

Direct Letters
TO
POST-OFFICE BOX
No. 1204.

Kunath, Nachod & Kühne,
NEW YORK and LEIPZIG.

New York, Febr 16 1890

Mrs. Edison Esq

Mento Park
N. J.

Dear Sir

Messrs Haid & Miller & Co of Turin
Italy desiring to become Agent for the Edison
Lamps in Italy and have asked us to intercede
in their behalf. We beg to inclose a letter
concerning their standing in Italy and
should be pleased to receive an answer
from you informing us what reply we
shall make them.

Very respectfully yours

We believe we have already ^{mentioned} ~~stated~~ about this
and used one of their communications as fit.
We have placed their communications as fit
with the Co who control the patent & they will
receive proper attention when the Co is properly
organized.

THOMAS P. THURM,
STATIONER, NEWS AGENT, BOOK BINDER & PAPER HULLER,
Merchant Street,
—AND DRAPER IN—
Wigs, General Fancy Goods, Etc., Etc.,
FONT STRENT, HONOLULU, H.

Honolulu, Feb. 16th 1880

Ans. to Mr. A. Edison
with your conf. & etc.
J. T.

Thos. A. Edison Esq.
Menlo Park, N.J.

Dr Sir:

Having been watching from this distant point, for many months past, your labors upon the Electric Light, with the view of its introduction to these islands, I should be pleased to learn from you upon what terms I may obtain the same either for private dwelling or general system of City lighting, and if there will be any special legislation needed here to protect the introduction of your system from infringement. I beg to state that such could no doubt be secured at our coming Legislature, this summer.

Please advise me if the matter can be one of direct purchase, or supplied for a royalty; giving me all necessary information to enable me to take early action in the matter & oblige

Yours Most Respectfully
Thos. P. Thurm.

402

Warsaw Feb 1880

J Rawicz

A Mary

Trans the one
force containing
B. was for
they will be
copy

Proposition

CONSULATE OF THE UNITED STATES.

WARSAW Feb 18th 1880

J. A. Edison

Menlo Park N.J.

Dear Sir

I beg to apologize,
for intruding upon
your valuable time,
in a matter of
mutual interest.

A company of capitalists
in this town are desirous
to know what you would
charge for the exclusive
privilege of naming
your

your system of electric
light, lamps, with
all the amplifications,
improvements and
latest inventions discove-
red by you, for lighting
the streets of towns and
buildings, in the
whole empire of
Russia including
the Kingdom of Poland
and all the provinces
belonging to her.
Should you be inclined
to

to favour me with
a reply in this
matter I should
be greatly obliged
to you for giving
me all details staple
fixing the arrangement
cost per hour &c.

I am, Sir
respectfully yours
Joseph Paxton
W. S. Consul

New York
5th Avenue Hotel
Sat. Feb. 21st 1880

Dear Sir

I am pleased
to receive your note
on my arrival this
the 15th - day from L. I hope
we have had a hard time
of it -

I will come for
my first visit on Monday
have brought you a
piece of our house,
like your Maria's house,
which (my own house) 10th
of Dec. last year

I hope to find that you
well. Best wishes

L. A. Edwards Esq. Junr of New York

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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Errors are to be paid for only by repeating a message back to the sending station for comparison, and the Company will not be held liable for errors or omissions in the delivery of messages.

The Company is not responsible for messages sent by telegraph to persons who are not subscribers to the service.

A. R. BROWN, Sec'y.

MORVIN GREEN, President.

Dated New York City 27 1888

Received at 12:30 pm

To Edison

Memo to Rasky

Have you given power of attorney to any one recently to look for you in connection with rights in Peru answer

C. G. Goddard

Wpd
Hbf

No

answered

READ THE NOTICE AT THE TOP.



New York, Sat. 29/70

Thomas Edison, Esquire

At the present time
we are very short of lamp holders parts
it will be most inconvenient for you to order them from us at present
I have the liberty to submit to you the original
and a translation of a letter we received from one of our
correspondents in Switzerland. He asks us for information
in a matter in which is beyond our own knowledge, hence the
troublesome application we make to you to day. Will you send
the kind reply and can you spare some of your valuable time
to put us in possession of the desired information, it would it
be preferable and better that one of us should personally call
on you at New York? Please to decide for yourself.
We thought we are under obligations to you and as such have
no claims on you whatever, yet the well known friendliness and
amiability of the American character had us to anticipate
no great obstacles to the fulfillment of our respectful desire.
Should there be any however, you will ever feel free to
us by giving your assistance to our application.
We pray you too to accept the assurance of the very high
regard and consideration with which we have the honor to
remain your obedient servants

P.S. Please return original letter

J. H. Notter & Co.
Importers 107 Green Street
N.Y.

T. A. EDISON.

✓ Menlo Park, N. J.

✓ *Feb 8 1880*
12 28 PM

Cable

Edison Menlo Park New Jersey

*Lamps just received New Swiss
Biedermann law takes effect April
9 When Government Concession
will be issued us Please
Cable extended refusal 90
days momentarily important*

Biedermann

30 Geneva

Ans said 20 words

Reg

Feb 8 80

Biedermann

Geneva Switzerland

*I hereby extend option
to purchase 90 days
from date*

Edison

14 Octet

his ans

*1 19 PM
240*

T. A. EDISON.

1701
Hable

Menlo Park, N. J.

3
Mch 9th 1880
11 24 AM

Edison
Comp Lamps Electriques
Pittsburg

Envoyez l'argent
Expedier address Grande
Morska 27: logement No.

Ingenieur Kalepinsky

of Petersburg
No 7

The Edison Telephone Company of London Limited
Mansion House Chambers,
Rooms No. 113.

MANAGER & SECRETARY,
ARNOLD WHITE.

11, D'Arny Victoria Street, E.C.

London Mar 18 1880

My Dr E.

I got one lamp up
to a proper intensity
by putting 50 cells in
a series during 2
series - but haven't
enough guts yet to
keep 'em all going at
one time I have ordered
50 more cells & will
have them up tomorrow
When I get them OK.
You going to invite
the times people
see it - I haven't

let anyone see it
yet outside of the
Boys about the office
It makes a magnificent
display in my office
makes a Gas jet look
sick -

What are you going
to do about Crookes
letter to Morton?
What progress have
you made with the
fibre looks?

Keep me posted I'm
intensely interested
in every step you
make

Yours
Ed J

Electric Light

The Electric Light Company of London Limited.
Thames House, London, E.C. 3.
Riverside Building, London, E.C. 3.

MANAGER & SECRETARY,
ARNOLD WHITE.

11, Queen Victoria Street, E.C. 4.

My N. Edison

London, March 18, 1888.

I have now a series
of 45 Cells Each - Fuller Battery
- and with them I am operating
3 Lamps successfully - bringing
them quite up to a full gas jet, in
fact a little better - As this has
already cost me 248.00 - I cannot
afford to add enough more to put
the others in operation so I have
taken down 3 - & ~~shall~~ ^{cannot} tell any
one to whom I show the Light that
you only gave me 3.
I wrote to Mr. Wm. Thomson about
his large Gravity Traps, which Brown
tells me are immense - saying their
internal resistance was almost
nothing - But Mr. Wm. says to get
95 volts I would have a resistance
of 10 Ohms - which would be fatal -
beside they cost 32 shillings
Each - He recommends me
to get a Siemens machine.

The Edison Telephone Company of London, Limited.
Horseman House (Chancery),
Romeo Bldg. 11, Queen Victoria Street, E.C.

MANAGER & SECRETARY.
ARNOLD WHITE.

2nd But I shall not do ^{so} for several reasons - 1st I don't like the Gemenz People - They are popularly supposed to be thieves - 2nd Dr Gemenz and Preece are too intimate - 3rd I am reliably informed that such a machine as I should require would cost me 150 £ - rather above my Pile - 4th I don't mean to show the light to any "interested" parties - until you so instruct me - Sir Wm will be in town in May and is coming to see the light - Tyndall and in fact all the Big Guns will be in London about that time. The new Parliament then opens & the London season opens in full blast - Now as you must by this time have quite a number of machines on hand could you not spare me the old Original Jacobs - If so could I keep up its field by Rattens

The Edison Telephone Company of London, Limited.
Museum House Chambers,
Room 8. 113.
11, Queen Victoria Street, E.C.

MANAGER & SECRETARY.
ARNOLD WHITE.

3 Power? I should not ^{understand} how it is
if you so preferred - as the Elevator
Engine is at the top of the House
and completely isolated from the
Public thoroughfares - I will gladly
pay freight &c on it - What say
you? When is Bates coming over
if soon could he not bring one
- or at least ~~him~~ its chassis &c
as to meet it here? -
I saw Mirrhead's foreman last night
& I got out of him that Mirrhead's
had been to your place - saw the
light & came away satisfied that
you had as yet made but little
progress - that some tests made there
developed the fact that you were
unable to preserve the vacuum
&c &c &c - Whether this man correctly
represented Dr Mirrhead's views
of course is conjectural - but it
is not at all improbable that
he was simply repeating what
the Dr reported to his firm - as

MANAGER & SECRETARY.
ARNOLD WHITE.

The Edison Telephone Company of London Limited.
Messrs. House Chambers,
Room 37123.

11, Queen Victoria Street, E.C.

"The man in question is ^{London} thoroughly
up, in all Electrical matters and
holds an important position with
his people. Now what did Michael
say to you? I expect to see him
in a few days about cables &
I shall Philip him personally.
Did you make any tests of your
Old Lamps. Were the vacuums
much deteriorated - if so, why?
I presume they were defective
somewhere - What progress in
any direction have you made since
I left?"

I take the general ground
that the simplicity & cheapness of
the lamp is such that, admitting
for argument's sake that the vacuum
can only be maintained for
3 or 4 millions years - the cost
& trouble of ~~replacing~~ new lamps is
so trifling that the thing is a big
success anyway.

Yours Truly, C. M. Johnson

MANAGER & SECRETARY.
ARNOLD WHITE.

The Edison Telephone Company of London Limited.
Messrs. House Chambers,
Rooms 8 & 9.

11, Queen Victoria Street, S.E.

London 18.....

P.S. As you would not "lower" himself
to the level of a "mere subordinate
of the Company" - and speak to ~~me~~
"an ungrateful dog" - His curiosity
to see the Lamp has to be held in
check until such time as the
"Dis honourable trickster" whom
he "Took from the Gutter of a pen"
and to whom he has "frequently"
"loaned money" sees the error
of his ways - & recognizes the
superior fitness for all things
Mortal of his Royal Highness
"The Duke of Norwood" =

E. J.

WM. H. CROSSMAN.

GEO. W. CROSSMAN.

W. H. CROSSMAN & BRO.
COMMISSION MERCHANTS.

CABLE ADDRESS
"CROSSMAN"

New York, 23rd March 1880.

Thos. A. Edison Esq^r
Menlo Park. N.J.

Dear Sir.

We are in receipt of some orders for
Export for your Electric machines or lights &
would thank you to furnish us with some
particulars as to price, mode of fitting up,
using &c. You may have pamphlets

perhaps, which supply all this information.
Have you agents in this City, to whom
we could personally apply for what we want,
in order not to inconvenience you with
so many details?

Thanking you in anticipation.

We remain, Dear Sir

Yours very truly

W. H. Crossman W.H.C.

Some of the apparatus
we advise purchase from
Fallen Lights

John H. Porter.
Counselor at Law.
Geo. W. H. H. H.
Chief Justice State.
Geo. S. Hamilton.
Wm. L. Porter.

Porter, Lowrey, Torrey & Henshaw
Attorneys & Counsellors at Law
No. 3 Broad St. New York.

P. O. Box 1836.

March 25, 1880.

Messrs. Drexel, Morgan & Co.

Gentlemen:

As I am going away, I wish to express in writing my understanding of our arrangement with regard to the introduction of Mr. Edison's Light inventions into Portugal, New Zealand, New South Wales, Queensland and Victoria.

I have arranged between you and Mr. Edison that you shall have sole control of his said inventions in the above-mentioned countries, being the same inventions which will be patented in this country for account of the Edison Electric Light Company; you to advance all the expenses of securing such Letters Patent introducing and disposing of the same without any claim upon Mr. Edison for such expenditure, except that that may be deducted from the proceeds of sales of Patents or other dispositions of the right to use said inventions in said countries. The net proceeds of all sales or other dispositions are to belong to Mr. Edison and yourself in the proportions of sixty five per cent. to Mr. Edison

and thirty five per cent. to yourselves. Of your proportion, namely thirty five per cent. I am to receive one third.

Please answer and inform me if you find the above statement correct and inclose duplicate original of that answer, that one copy may be sent to Mr Edison for his ratification and approval.

Mr Edison will, on demand from; time to time, convey the title to all such inventions and Letters Patent to Egisto P. Fabbri and myself, as Trustees, under similar trusts to those already arranged for England.

Very truly yours

G. P. Lowrey.

John K. Porter.
Cassius M. Leary.
Gen. Walter S. Brown.
Chas. Francis Stone.
Gen. S. Hamilton.
Wm. L. Porter.

P. O. Box 1830.

Porter, Leary, Brown & Stone.
Attorneys & Counsellors at Law.
23 Broad St. New York.

March 25, 1880.

Messrs. Fabbri & Chauncey,

Gentlemen:

As I am going away, I wish to express in writing my understanding of our arrangements in regard to the introduction of Mr. Edison's Electric Light inventions into India.

I have arranged between you and Mr. Edison that you shall have sole control of his inventions relating to the use of Electricity for Light and power in India, being the same inventions which will be patented in this country for account of the Edison Electric Light Company; you to advance the money required for securing Letters Patent and introducing and disposing of the same without any claim upon Mr. Edison for such expenditures made by you except that they may be deducted from the proceeds of sales of Letters Patent or other dispositions of the right to use those inventions in that Country. The net proceeds of all other sales or dispositions are to belong to Mr. Edison and yourselves in the proportion of sixty five per cent. to Mr. Edison and thirty five per cent. to yourselves.

Please answer and inform me if you find the above state-

ment correct and inclose the duplicate original of that letter, that a copy may be sent to Mr Edison for his ratification and approval.

Mr Edison will, from time to time, upon demand convey the title to all such inventions and Letters Patent to Egisto P. Fabbri and myself, as Trustees under similar trusts to those heretofore fixed with Drexel, Morgan & Co. in respect to Great Britain.

Yours very truly

G. P. Lowrey.

THE BUREAU OF INVESTIGATION OF THE FBI HAS BEEN ADVISED THAT THE FOLLOWING INFORMATION WAS OBTAINED FROM THE FILES OF THE BUREAU OF INVESTIGATION OF THE FBI:

• LEVONOR

THE DEPARTMENT OF THE ARMY, WASHINGTON, D. C. 20315

[illegible]

For the results of the test, see the following table:

and the fact of being in a position to be able to do so.

ΚΟΙΝΗ ΑΣΤΥΝΟΜΙΑ

• 1970

Anthony dph
asked you how

John L. Smith

$$\begin{array}{r} 1197 \\ 1561 \end{array}$$

54283
58217.6

362
2
124
181 2905

$$\begin{array}{r} 394 \\ \times 3 \\ \hline 1182 \end{array}$$

$$\begin{array}{r} 147.15 \\ \times 4 \\ \hline 588.60 \end{array}$$

$$\begin{array}{r} 73.10 \\ \times 4 \\ \hline 292.40 \end{array}$$

John H. Porter,
Governor of New York,
Gen. Walter S. Seward,
Chief Justice of the Court,
Gen. S. Hamilton,
Wm. L. Porter.

P. O. Box 1836.

*Porter, Lowrey, Soren & Soren,
Attorneys & Counsellors at Law,
No. 3 Broad St. New York.*

March 25, 1880.

My dear Mr. Navarro:

As I am about going away, I wish to express our arrangements concerning the introduction of Mr. Edison's Electric Light in Cuba.

I have arranged between you and Mr. Edison that you shall have sole control of his inventions for the Electric Light in the Island of Cuba, being the same inventions which will be patented in this country for account of the Edison Electric Light Company, and shall pay all expenses of introducing and disposing of the same in Cuba, without any claim whatever upon Mr. Edison for contribution, except as you may realize moneys by the sale of Patents. The net proceeds of all such sales or other dispositions are to belong to Mr. Edison and yourself in equal proportions. Mr. Edison is to make or secure for you from time to time the exclusive right to use all such inventions in Cuba by license under the Spanish Patent or in such other way as may be desired.

Please let me know if this is correct and send me duplicate original that one copy may be sent to Mr. Edison for his

ratification and approval.

Very truly yours

G. P. Lowrey.

J. P. Navarro, Esq.

Correspondence w
G. P. Lowry from
T. A. Edison, rela-
tive light for
Portugal, New-
Zealand, New-
South Wales, Queens-
land, Victoria, Cuba
and India

Registration and abstract.

Arch. Surv. Repts

N. B. Foulton.

JAMES S. MERRIAM,
ATTORNEY & COUNSELLOR AT LAW.

Habibi & Channing
Howe
me Edison
21 Liberty Street,
New York, April 1 1880.

Dear Sir

I am in receipt of
a letter from Dr Louis Elton
of Rio Janeiro
& two others enclosing copy of a
letter, probably rec^d upon this
week relative to procuring some
right to introduce your elec-
tric light in Brazil.

These gentlemen request me
to call upon you in the matter
and is agreeable I will be pleased
to do so on Saturday the 3rd inst.

Yours truly

Respectfully
J. S. Merriam.

3

Cable

Apr 8, 80
11:30

Answer 20 words paid

Edison

Memo Park New Jersey

And instantly one Edison Generator
one meter and everything necessary
lighting lamps will then instantly
obtain pure trademarks for entire
invention. Draw on me for amount.

Piedermann

24 Geneva
ans paid 20 words
H-P

Apr 8, 80

Biedermann

Geneva,

Regular size.
Can't spare, can send small
models, ~~a meter~~, and ^{workable} lamps
suitable for model; answer if
that suits.

~~Signature~~

20 Collet

7/5/05 
to be - the date

145

Wm

Blank No. 1

THE WESTERN UNION TELEGRAPH COMPANY

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This message is an **UNREPEATED MESSAGE** and is delivered by request of the sender, under the conditions.

A. B. BREWER, Sec'y NORVIL GREEN, President

(S) 1000

Date Feb 11 1888

Answer: 1. b.

Received on 11/11/42 10 words per min

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

READ THE NOTICE AT THE TOP.

Small models sent to
protect patent shall take
papers each article in
particular and all
combined therefore ship
by Express model every-
thing besides few ordinary
and one street lamp
Cable shipment last package
four received broken

44, Geneva Biedermann
Swiss American Solidarity

April 10, 80
Budermann
Geneva

All right - will do test -
can immediately

Int.

Apr 18, 80
7:25 pm
Answer paid as words
Edison Menlo Park

Cable when sample shipped
with name each. Names of articles
to be protected must be submitted

Budermann

24 Geneva
Ans paid 20 wks

Apr 22, 80
10 12
Edison Menlo Park New Jersey

Cabled you Monday answer
paid please reply immediately
Biedermann

12 Geneva
H-9

Geneva

Cannot reply until
we ship goods

N.P.

Cable

Apr 26, 1880
10 55 PM.

Answer paid 30 words

Edison Menlo Park
New Jersey

Supplementary decree to new patent
law will be published May 1st explaining
in detail its applications will be able
to have all in our favor if I know
immediately name of each particular
apparatus and when machines will
arrive.

Biedermann

To Geneva

ans paid 30 words

apl 27 80

Biedermann Genie

System consists, Electric Generator,

Electric pressure regulator, Electric

Meter, ^{Lamp and} System laying wire, also

Electromotor for power;

Will Cable when shipped,

Will send Copies ^{Patent} papers ~~and~~

30 Collect Mendenhall
This and your no 1

Edison

1045 Wm. C. Bx

MANAGER & SECRETARY.
ARNOLD WHITE.

The Edison Telephone Company of London, Limited,
Messrs. House Chambers,
Room 12, 113.

11, Queen Victoria Street, E.C.

London.

18.

My Dr Edison

This is the sort of thing - which
gets publication here - I have
called the attention of the Times
people to it as a fair specimen
of the criticism of your work
- pointing out to them the internal
evidence of the writers interest
in the British are light - & also
as to your "Rival" Sawyer -
whose proper sphere as a "Coyote"
in science I have shown them -
telling them that you looked
upon his work as that of a
Ladies Lap Dog - And me the
complete findings of Barker ~~Reuben~~
& Co. & also your own views
of progress made since I left
Mentis last

Yours
Ed. Johnson

London (no date) April 1850.

E. H. Johnson

No. 610

Cable

May 4 1880
5-PM.

answer paid 20 words

Edison

menlo Park N.J.

Have obtained concession on
condition of delivering samples
before June first if samples
impossible drawings may perhaps
answer Cable when machines will
leave on their arrival can make
you definite offers

Biedermann

39 Geneva

ans paid 20

Ans

I have reason to believe would be a
suitable party to have charge of
this matter and is financially res-
ponsible. your answer at earliest
moment convenient will be greatly
appreciated so that I may write
at once to party in interest.

Very Respectfully

J. R. Platten
224 William St
New York City

Carnegie Lamp
J. R. PLATTEN,
New York
vice Consul for Netherlands

get May 4th 1888.

Let him make
an application for
the rights of the
we will file it
we hope the demonstration in
the Netherlands will be
practical for by
my friends of mine re-

quest me to make inquiry about Belgium
Electric with the view of obtaining for
him the Sole Agency for Java East
Indies, as I receive correspondence at this
great distance takes much time. I
suggest the sending of something
at once with proper instructions
to use them, to be paid for in India
ry, this latter would probably not
be acceptable to you, hence if you in-
form what a sample lot would cost
I might conclude to pay for them
upon shipment, the more readily
if it were possible to secure them
the Agency for my friend, when

6 Lombard Street
London E.C.

7th May 1879

J. A. Edison Esq
Mento Park
New Jersey

Dear Sir,

Electric light

Wife John M. Jacobson and Alfred Dollfus
of the Indian Electric light company. Called
at this office today to ask me to submit their
names to you in connection with your Agency
in India.

I am, Dear Sir,

Yours faithfully,

Arnold White

1 Enclosure.

T. A. E.

(May 10, 1880)

Fabba don't know - cant find out about
Biedermann only by calling to Paris -
It will cost 3 to \$4 to do this

Let them do it

T. A. EDISON,

Cable Menlo Park, N. J., May 11th 1880.

Biedermann / Geneva

Working on samples fear not reach
in time have mailed papers

~~Just ahead~~
10th Menlo Park 11 May

225
9/40

Blank No. 1.

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The Company is not responsible for any loss or damage to property or interest of the sender or receiver.
A. B. BREWER, Sec'y.

NORVIN CHIEF, New York

Dated Cable May 11 1880

Received at

Edison
Meado Rock N.Y.

READ THE NOTICE AT THE TOP.
Have appointment with
secretary interior Thursday
must know when sample
will arrive can do
nothing until protection
obtained reply immediately
Biederman
Wm. Lincoln
Hof

Blank No. 1.

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A. R. BREWER, Secy.

NORVIN GREEN, President.

Date

Received at

To

READ THE NOTICE AT THE TOP

New York May 14th 1884
10:00 am
J. H. Edison

Direct Hager Cable
Biederman unknown
try previous address
Direct Morgan & Co
Spaid
Hof

4

May 14, 80

News, paid 2 despatches
Each 20 words

6.25/4

Edison Menlo Park New Jersey

Harten samples have arranged
no concession be granted any
one before June twentieth
therefore must have refusal
extended ninety days Cable
immediately extension in one
Telegram departure samples
in another

Biedermann

41 Geneva

2 replicas paid each 20 words

eeq

T. A. EDISON,

1
Menlo Park, N. J.

May 15 1880.

Biederman/
Geneva.

Refusal extends until August
~~fifteenth~~ Edison.

Callert

^{1st} His answer of 14
of 14

DREXEL MORGAN & CO.
Wall St. Corner Broad.
New York.
DREXEL, H & CO.
Philadelphia.
DREXEL, HABLES & CO.
Paris.

New York May 18 1880

1880
May 18 1880
J. A. Edison Esq
Menlo Park,
N. J.

J. A. Edison Esq
Menlo Park,
N. J.

Dear Sir,
Messrs Drexel, Hargis & Co
cable us as follows:
"Friedemann reported very venturesome
means, having lost large fortune
in America. General Friedemann is
said to have good opinion of him
but we would advise great caution
This you will please receive in con-
fidence and without prejudice to us.
or D. H. & Co

Yours truly,
Drexel Morgan & Co

ADAMS EXPRESS COMPANY,

59 BROADWAY,

NEW YORK

May 21 1880

Thos Edison Esq

Dear Sir -

Riedmann of Geneva

Singuland telegraphs me -

"Mr Edison and have him ship
machines prepared for me, immediately -"

Will you please let me know when the
machines will be ready for shipment, and
by what steamer they will go, as he asks
for an answer by cable.

Respectfully Yours

Edw Sprague

Adams Express

NY

T. A. EDISON,

1
Menlo Park, N. J.,

May 25 1880.

Bidermann
Kaiser.
St. Gerland

Samples sent today Davis
Express
Edison

10 Collect
to ans to one of 1-4th

2

(May 1880)

New York 10

Edison

Menlo Park

When will lamps & machinery
for Bendemann Genoa be
shipped answer

J. C. Young

14 paid Hoke
11 am

DREXEL MORGAN & CO.
Wall St. Corner Broad.
New York.
DREXEL & CO.
Philadelphia.
DREXEL, HARRIS & CO.
Paris.

New York June 3rd 1880

Thomas A. Edison, Esq.
Menlo Park
N.J.

Dear Sir,

Referring to our letter of 10th ult., we now beg to hand herewith a further report on Mr. Biedermann, Geneva, received by mail from our Paris House.

You will please consider this information as strictly confidential and ^{use it} without prejudice to us.

We are, Dear Sir,

Yours very truly
Drexel Morgan

Biedermann Genève

C'est, nous dit-on, un homme trop entreprenant qui a perdu en Amérique une fortune de plusieurs millions dans les entreprises hasardeuses. Il s'occupe en ce moment de fonder une société pour l'éclairage Edison dont il a-pensé-il la concession exclusive pour Genève mais les personnes qui traitent avec lui se tiennent bien sur leurs gardes. On nous dit même que B. a la malheureuse habitude de jouer. Nous apprenons qu'il est allié avec de très bonnes familles en Amérique et en Europe, et qu'il ait uniquement de ressources que lui fournit sa parenté qui lui sert une pension car il a perdu entièrement sa fortune personnelle.

son second source.

M. B. n'est ici que depuis un temps relativement court, il s'occupe d'industrie & prétend avoir le monopole de la lampe Edison pour l'Europe. Il ne fait point parler de lui & nous croyons savoir que le Consul Américain d'ici le juge favorablement. Il touche une pension mais par petites sommes à la fois.

Received from Geneva May 15th 1880.

Ny 14
J A Edison

June 14, 80
5:30

Mr Rice has just cabled
me from Paris that the problem
of lighting houses by electricity
has been solved there and
patented and is open to inspection
of your Paris agent upon certain
conditions Mr Rice will cable
if desired full particulars can
I see you in N Y tomorrow
please telegraph

John S Barron
sykes We care nothing about it,
cannot come to New York

VP 4-5 2/2/20

Calhoun's

26/10/2017

June 22. 80

Edison Muelo Paul
Received generator meter
Cable taken remainder
will arrive also at
what speed generator
goes
Bredemann

Brodermann

22 June

Amos 20

1. $\frac{cc}{xe}$ 730 pm

Generator sent only, ^{small} sample
~~not made~~ Lamps you have
not suitable this size, will
send you lamps suitable -

T. A. EDISON,

Menlo Park, N. J. *June 24* 1880.

Biedermann Geneva

*Generator sent only small
sample lamps you have
not suitable this size will
send you lamps suitable
Edison*

20 Collect to answer to one of 22^d

*816 am
9-11/4*

John K. Porter,
Governor of New York.
Geo. Walter Smith.
Chas. Francis Smith.
Geo. S. Hamilton.
Wm. L. Brewster.

P. O. Box 1836.

Porter, Lowrey, Loren & Howe,
Attorneys & Counsellors at Law,
No. 3 Broad St. New York.

June 25 1880

J. A. Bidson Esq.
Dear Sir:

Mr Lowrey directs me to say to you that he
has been endeavoring all day to make an appointment with Mr.
Navarro - to come over to do P - but on acct of our telephone working
badly he has been unable to communicate with Mr. N. - and
on the whole, as the heat is at present so intense, Mr. L. deems
it best that the visit should be postponed.

Very Respy

R. C. Brown

for E. P. Lowrey

THE EDISON ELECTRIC LIGHT CO.,
5 NASSAU STREET.

NEW YORK, N.Y.
H. M. CALLAGHAN, V. PRES.
H. T. FARRIS, TREAS.
C. GODDARD, MGR.

New York,

July 1 1890

J. A. Edison, Esq.

My dear Sir,

I have yours
of this date inclosing letters from
Messrs. Tabori & Chamney and advising me
that Mr. Griffen would call on Messrs.
& Chamney today to explain matters
to them. I have just learned from
Messrs. Tabori & Chamney that Mr. Griff-
fen has not been in and as they are quite
anxious to advise their correspondents
in South America as to the true condition of the
matters spoken of I hope Mr. Griffen will
not fail to see them as soon as possible.

Very truly yours,

C. Goddard

Hy 13

July 1880
940

Edison memo P

Send answer to my Telegram
of Saturday, want to table

J. C. Young

10th of
Aug

Bierdeman has
all necessary appliances
except another lot
lamps which I
am making

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W. A. R. BILWORTH, President. NORVIN GREEN, President.

Dated November 25, 1880

Received by Thomas P. Smith

To Griffin

Care of Max Addison

Can you let me have

the shares of light at

five hundred per share answer

at once.

I Run can

38 Pine St.

27 point $\frac{ni}{x}$ 12 m

READ THE NOTICE AT THE TOP.

E. BIEDERMANN

Geneva, 28 July 1880.

Thos. A. Edison Esq^r
Menlo Park

Dear Sir,

I did not write to you before as I thought our correspondence by Cable sufficient and I wrote not bother you with long letters. —

In regard to the trade mark or what you may call a three quarter Patent I have done all the necessary. That is to say I made duplicate drawings of everything and translated all your papers into French and German and have placed everything in Bern at the right place, so that we will be almost the first who will get papers, but as every body who had a trademark under the old law comes before us we may have to wait a month or so to get our papers. —

I received from you a generator

a motor and a safety wire but no regulator nor lamp nor motor. —

I tried to burn the ancient lamp with this generator, which I excited with an ordinary Gramme machine, but the light produced was very small until I got the speed up to 2800 Turns. —

Mr. Young cables me that you will send suitable sketches and I hope to receive them soon. —

Now to the business part:

As the lamp up to the present as far as I know has not come into practical use I make you the following proposition, which I hope will be acceptable to you. —

[First] I have associated myself for this business with Mr. W. A. Charbuley and Mr. P. Zurlinden of this City, both gentlemen of first

Geneva, 28 July 1880.

class standing. —
 Second) We have made a Contract
 with the "Société Genevoise pour la
 construction des Instruments Physiques"
 (which is a Company for the construction
 of scientific machinery and instruments)
 in which we bind ourselves to give a
 certain amount of work and they
 bind themselves not to produce or sell
 or imitate or improve any of our
 machines, models or drawings except
 by our order and for our account. —

All the above I give you as information
 so that you may exactly understand
 the position. —

Now we Cherblus, Biedermann
 and Jurlinden propose the following.

You give us the right of your invention
 and of all further improvements
 in Switzerland and we will at our

Cost, besides producing the heavy
 machinery at the Société Genevoise
 establish another laboratory for the
 manufacture of the Lamps and all
 other inventions of yours. —

We to give you 50% of the net profits of
 everything produced payable half-yearly.
 We to sell only at such prices as will be
 agreed upon with you. —

If you accept the above you must either
 send somebody over here, who can
 superintend our men and who at
 the same time can watch your interest
 or you would have to give us instructions
 to the smallest detail of everything so
 that we can manufacture as well as
 you. — It would be certainly preferable
 if you could send somebody who would
 naturally come at our expense. —

The above arrangement has another

E. BIEDERMANN

Geneva, 28 July 1880.

advantage for you and it is the following: We believe that we will be able to light immediately at least a part of the town of Geneva with your lamps, which if a success (I don't doubt it) will be the most successful advertising for the whole of Europe and of great advantage for you. —

I think you will find the above proposal acceptable as it is impossible for us to pay an amount close to what we have seen the light in practical use, but having an unlimited confidence in your final success, we are perfectly willing to risk a pretty large amount in making a laboratory and procuring machinery and lamps and giving you 50% of the profits you taking no risk whatever. —

Mr. J. C. Young of New York will call on you for the purpose of getting your ideas in regard to the above, and I hope you will be able to arrange with him. — I have instructed him to cable me your reply at once and if you accept the above the contract can be made immediately and we will begin work without a day's delay. —

I remain Dear Sir

Very sincerely Yours

Eust Biedermann

Ed. G.
Bridgman

Ed. G. Bridgman
Geneva July 28. 80
Aug 17. 1880

T. A. EDISON,

Menlo Park, N. J.,

1880.

Write Bridgman

That it is impossible for us to send a man. The light is a vast system, ^{a new art's industry} before we can get things ready we shall have to arrange for the manufacture of our machinery. We are establishing ^{the number of} a lamp factory here with a daily capacity of 1200 lamps. This factory alone has cost many thousand dollars in the purchase of machinery, automatic apparatus for cheapening the lamps and working people had to be learned to work the apparatus. It would be impossible to establish such a factory in Switzerland for more than 2 or 3 years hence. Everybody must depend for their lamps for a while on our first factory.

T. A. EDISON.

(2)

Benjamin

Menlo Park, N. J., 1880.

Regarding the Engine.

Our Dynamo machine is
8 times larger & more powerful
than any hitherto built. Its work
direct by an Engine of special
Construction making 600 strokes
per minute. No belt or gears are
used. To build this class of
Engine & Dynamo over \$150,000
have been invested in Phila
~~has been spent~~ The inventor of the Engine
has spent 20 years in perfecting his
Engine to obtain such high speeds
with economy & reliability. he has
trained workmen etc so you
see it would be impossible to
make ~~this~~ obtain Dynamoes in
Switzerland or in any other country
for some time, for the establishment of the
lighting of say Geneva all

T. A. EDISON,

2

Menlo Park, N. J.

1880.

Machinery must be sent from
here with an Expert, thoroughly
Capable to superintending the
Erection of the plant for lighting
5 or more square miles of a City.
We are perfecting our arrangements
here for the manufacture of all
apparatus on a large scale,
and will keep you posted
regarding it, and when we
shall be able to take an order
to ~~light~~ for one station, lighting
 $\frac{1}{2}$ a mile square in Geneva or
Elmhurst.

Yours Truly

write & say we have
none on hand but are
expecting some & will attend to it
New York Augt. 13. 1880
59 Broadway-

M^r Edison

Dear Sir -

I forgot to mention
in our short interview yesterday
that Pickens told me.

"Request M^r Edison to send
me one of his improved telephones
I forgot to ask him in my
letter"

Respectfully Yours
O. S. Young.

ADAMS EXPRESS COMPANY,

1880

59 BROADWAY,

NEW YORK,

Aug 14 1880

Mr Aldrich Mr Beersman
Dear Sir,

After my interview with you on
Thursday I called Beersman & your acceptance
of his proposal -

He now sends me the following - "Received
Cable - told Edson important his man knows
all dismissals and understand whole
manufacture - Cable immediately when he
departs"

As I suppose you have written him
some particulars - and as it will be some
time probably before you can send any-
thing to General - will you be kind enough
to give me an answer to his dispatch
at your earliest convenience, that I can
cable him and quiet his impatience.

Respectfully,
J. P. Morgan

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A. R. BREWER, Sec'y. *Cable* NORVIN GREEN, President.

A. R. BREWER; Sooty. Cable

NORVIN GREEN, President.

Dated 10 1 188

Received at Meilopark aug 22

Edison

Menlo Park J. J.

READ THE NOTICE AT THE TOP.

Have sent contracts signed cable
when your man leaves important
to have one full sized generator
and 60 ordinary lamps quickly
Please send immediately cable
when they will leave

Biedermann

36 years and paid 30 was
G.M. V. 634 A

94-4 934 A

It is impossible and useless to do what your request has written in full

T. A. EDISON,

Menlo Park, N. J.,

Aug 23 1880.

Piedermann Geneve

It is impossible and useless
to do what you request
Have written in full

Edison

17 Menlo Park Collect
his ans to
one of today

Memorandum of Agreement
made this day of
A. D. 1880 Between Thomas A. Edison
of Menlo Park, in the State of New Jersey
United States of America
of the first part
and

Emst Biederman, A. M. Schubling
and Gaspara Gurlinden, of Geneva,
Switzerland

of the second part.

Whereas the party of the first part has made
certain inventions relating to a system of
Furnishing Light and Power from Electricity,
constituting essentially a new system known
as the Edison System, and whereas the
parties of the second part are desirous of
acquiring the right to make, use, and vend,
to be used, such system and the means
employed therein, Now therefore this indenture
witnesseth as follows.

First

The party of the first part, hereby grants
assigns and sets over to the parties of the second
part, the exclusive right to make, use and
vend, and to license others to make, use, and
vend in Switzerland, (but in no other country)
All his inventions relating or appertaining

to or embraced in his system for furnishing Light and Power from Electricity, and this for the term of fifteen years from and after the time hereinafter fixed (see briefest article), subject only to such restrictions and limitations as are hereinafter expressed.

Second

The provisions of the foregoing first section are to extend to and include all improvements which the party of the first part may hereafter make upon the aforesaid inventions.

Third

It is expressly understood that this indenture relates only to inventions pertaining to the Edison System of furnishing Light and Power to stationary motors, and to no other inventions whatever, and that it is limited to Switzerland, and that no licences or concessions are to be made or devised or appliances made or sold to be used out of that country.

Fourth

The party of the first part is to direct what is to be used in the practical workings of his system, and no methods or means or device are to be used in connection therewith or introduced therein except upon his ^{affirmative} motion or

Fifth

The parties of the second part agree to establish a factory for the manufacture of the Electric Lamps, used in the System and to

order all other instruments and machines necessary therein excepting Steam engines of the Société Linovier pour la construction des Instruments de Physique with which Society they have a contract prohibiting the said Society from manufacturing any similar instruments or machines for any other parties.

It is agreed that the Steam engine to be used shall be manufactured only at the place and by the party or parties approved by the party of the first part, the right to import such engine into Switzerland, to be sold only to or through the parties of the second part, being reserved from the right of manufacture in Switzerland herein conferred.

Sixth

The parties of the second part agree that no licence under, or concession or sale of all or of any portion of the rights herein conferred is to be made without the written consent of the party of the first part, and that they will not sell, license or in any manner convey rights in any of the inventions or devices herein included at a price lower than that approved by the party of the first part.

Seventh

The party of the first part agrees to send to Renova, as soon as he can conveniently do so, a skilled workman from his Laboratory, understanding the manufacture

of the device used in the system and their operation, who shall give the instructions necessary to the commencement of the manufacture of the device and the operation of the system.

Eight

The parties of the second part agree to pay the whole cost of establishing any works or manufacture necessary to the carrying out of this agreement.

Ninth

In consideration of the foregoing the parties of the second part agree to pay to the party of the first part one half (fifty per centum) of the net profit arising from any and all transactions agreements or sales of the inventions herein referred to, or of the rights herein transferred, agreeing further that the party of the first part shall not be responsible or liable for any portion of any losses which may be incurred in any or all of such transactions or sales, it being understood that if there be any losses they are to be borne entirely by the parties of the second part.

Tenth

The parties of the second part agree to render, under oath, to the party of the first part, on the first day of May in each year, an inventory and account and balance sheet of all transactions and sales of the year ending on the preceding last day of April, showing the net profit, and to pay

on said first day of May, to the party of the first part the portion of the profits accrued to him in the ninth Article.

Eleventh

The party of the first part shall have the right at any time, either in person or by duly authorized Agent, to inspect and examine all the books of account of the parties of the second part in order to verify the statements provided for in the tenth article.

Twelfth

This contract is to be in full force and binding upon all concerned from and after its signing by all the parties interested, and the term of fifteen years provided for in the first Article is to commence upon the day when the first system is first put into actual operation in any part of the world.

In Witness whereof we have hereunto set our hands and seals (in duplicate) upon the dates hereinafter noted.

Witnesses as to
F. F. Miller }
Otto Helms

Witnesses as to
Biedermann, Gutblich
and Kneuboden
Lyall H. Adams
D. H. Hager
and

Thomas Alva Edison
Instituted

A. M. Herbert

Joseph Zerkind



Consulate of the United States
Geneva Switzerland

It is remembered that on this
thirteenth day of September A.D. 1880
before me the undersigned, Consul
of the United States at Geneva Switzerland
personally appeared Ernst Fiedersmann,
A.M. Cherbuliez and Charles Kurlinden
who are known to me to be the persons
described in and who executed the
foregoing instrument and I having
first made known to them the
contents of the same they acknowledged
that they signed, sealed and delivered
the same as their voluntary act
and deed for the uses and purposes
therein mentioned.

Given under my hands
and seal of office the
day and year last
above written.
Lyell J. Adams
Consul



State of New Jersey }
County of Middlesex } ²⁰

Be it remembered that on this
ninth day of September 1880 before me a
Notary Public duly appointed in and for said
County personally appeared Thomas Alva Edison
who I am satisfied is the person described and
who executed the foregoing instrument and I
having first made known to him the contents
thereof he acknowledged that he signed, sealed and
delivered the same as his voluntary act and deed
for the uses and purposes therein expressed.

Stockton L. Griffin

Notary Public

Middlesex County

N. C. & N. Y. 1880 }
Emulsion of 2-2 }



Don l'apostrophe de l'authenticité de la signature
du sieur Stockton L. Griffin, un notaire public pour
le Middlesex County dans l'Etat de New Jersey et de
son secon d'office y attaché ainsi que pour la
légalité de ses actes officiels
Philadelphie le neuf Septembre mil huit cent quatre-
vingt (le 11 Septembre 1880).

Le Consul de la Confédération Suisse
pour les Etats de Pennsylvanie et de New Jersey
Etats-Unis de l'Amérique du Nord

Rodolphe Koradi



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A. H. BROWN, Secy.

NORVIN GREEN, President.

Dated New York Sept 11th 1887

Received at W. E. T. T. T.

To John A. B. T. T. T. J. A. B. T. T. T.

READ THE NOTICE AT THE TOP.

Bushman wants Contract
thirty years or over instead
five. Reply at once if a
capable make agreement
Conform deliver here soon
as possible.

J. B. Young
S. J. Adams &
ny

Margone Philadelphia (E. W. L.)
get Consuls Certificate
will do as you say
Edison

New York Feb 14/80

Mr. Edison

Dear Sir - We only await
the completion of
our new steam
engine to make
Biederman's
Exhibit about 5 weeks

General desires me to cable
him as to the time of your
illumination of Menlo Park
for which you have been
preparing - If any time
has yet been set - will you
please inform me that I
may notify him -

Respectfully Yours

Edison
57 Broadway.

Private

Earle's Hotel

corner Canal St. New York.

Sept 16. 1880.

Have answered by Telegram
to come over Monday

My dear Sir.

I wish let me thank you
for the great courtesy & kindness you
showed me yesterday. I think I
now see clearly that your system
of lighting will be practicable & a
great success, and I beg to lay
before you the following proposal.
The Commissioners of Patents
& Her Majesty's Government, have given
me authority to light the Patent
Museum and Library at South
Kensington with Electric light as an
experiment, provided any inventor
is willing to do so below his light.

Proposals have been made to me by the inventors of various systems, but hitherto I have not felt satisfied as to the one to be selected.

Now however I have no longer any doubt, and I venture to propose to you to light the Patent Museum & Library by your system this coming winter.

I think it offers to you the following advantages -

It is the Scientific Museum of England. in which are enshrined all the Historical Models, Stephenson's "Rocket", the Comet & Gunnington Machine Engines, Puffing Billy, the first Engine that ran on a smooth rail, Gorder, Watt's, Trevithick's, & these original Engines.

Further it has a large collection of modern inventions - notably all Sir Charles Wheatstone's, & now happily some of your own.

It is the property of Her Majesty's Government.
It is free to the Public &
its attendances have averaged
for the past 10 years 230,000
annually -

It is open Wed. & Thursday
Friday till 5 pm. - and on
Saturday Monday & Tuesday till
10 pm.

I venture to think that
the first building you light in
England should be this one, you
will do it honour, and I trust
it is not unworthy of it. My
Chief Engineer is a very intelligent
man, and will be quite capable
of attending to the lighting.

The Museum is on a large
hall some 120 ft square with
library adjoining. and is now lit
by some 200 gas lights.

If all your patents are
secured, it would be very desirable

to do it without delay.

If you will allow me to do so
I will come to Meads Park, and
talk this over with yourself &
Mr. Johnson on Saturday afternoon
if you prefer it Monday.
Kindly send me letter & telegram
tomorrow -

As Major Welby is gone back
to Washington I send him copy
of this, as he having so kindly intro-
duced me to you, I wish him to know
of it -

I shall propose it is kept
quite quiet till all ready - & then ask
the Prince of Wales - the Lord Chancellor &
other eminent people to come to see
the inauguration. I am, my dear Sir,
very faithfully yours

Alfred Wootley - Patent Museum
South Kensington London.

Recd Mr. Wootley
236 S. Wootley
Apr 16/1870
Alfred Wootley

Charles' Hotel
cor Centre & Canal Sts
New York City. ^{Sept 29, 50}

My dear Sir,

I propose coming
on Monday afternoon by
the 3 pm train. I shall
return by the 6-29, but
that will give us time to
talk of the flighting the
Patent Museum.
Kind let me have
a line tomorrow & say if
that will suit you.
Very faithfully,
H. Stuart Worcester.

In case you may go to the Museum
for your "Edison Case" in your
than one ~~than~~ box I send
two more labels.

1890.

EDITORIAL
DEPARTMENT.

The Ironmonger and Metal Trades' Advertiser,

44a CANNON STREET, LONDON, Sept 24 1890

T. A. Edison, Esq.,

Menlo Park,

New Jersey,

U.S.A.

Dear Sir,

Eaching to form
I want to know
if you have
any large
scale
plans
for
the
future
of
the
city
of
New
York
and
the
state
of
New
York
and
the
country
of
the
U.S.A.

Within a few weeks hence numbers of the principal thoroughfares of this city will be lighted by means of the Electric Light, already in use on the Thames Embankment here. Inasmuch as this circumstance is certain to give rise to a further amount of interest in the progress of this means of illumination I should much like to hear from you as to your own recent labours & developments in electric lighting, with any tables, diagrams &c you may need to express or explain your descriptions. The adoption of this course would, I think, prove eminently satisfactory to your ownest interests & would, further, please your many admirers in this country. This journal, as you may know, has an almost universal circulation amongst scientists, users of electric light &c, & it is regularly quoted by all the English newspapers from the Times downwards. I am sure that you will be glad to have your paper or letter, by about October 14 or 15, 1890, sent to me. Yours faithfully
The Editor

Cable

4

Sept 29 - 1880

11.19 PM.

Edison Menlo Park N.J.

Contract received I have sold to
Societe d'Industrie de Gaz Genevoise
and Hentach Co Guillen Hentach Co
Galopin Brothers Co Lombard Odier
Co the right of using your light
in all Switzerland alone for 50 per
cent net profits reserving for ourselves
manufacture of all lamps and apparatus
including laying wires binding them to
purchase only for us this in your interest
as these are the strongest houses in
Switzerland and therefore afford best possible
guarantee against all imitation, competition,
or opposition. Please cable date your grand
trial and I will leave for New York
immediately as I desire to submit several
important offers received which I believe
you will find highly satisfactory.

Piedermann

125 Geneva

answers paid 20 words

Edison
Sept 29
1880

Cable

Sept 30 1880

8 1/2 a.m.

answer paid 30 words

Edison Menlo Park New Jersey

Confirm cable just sent as
sixth article contract requires
your consent please Cable
immediately in separate dispatch
approval of my sale to Societe
Industrie de Gaz and associates

Pieterman

36 Geneva

Reply paid 30 words

129

Oct 1st 1880

W. B. Pieterman

Geneva

9 ~~you~~ have proper guarantees
of exploitation. Perhaps they
purchase to protect their gas interest
and will stop the exploitation of
when secured to them, I suggest you
come here before closing ~~the~~

Edison

34 MP

E. BIEDERMANN

Geneva, 1 October 1880.

Thomas A. Edison Esq
Menlo Park

Dear Sir,

I beg to acknowledge receipt of your favor of the 17th August as well as of the two Contrats which were forwarded to me by Mr. C. C. Young.

The Contrat is quite satisfactory and I beg to return you enclosed one copy signed and certified by the United States Consul.

I sent you a day before yesterday the following two cable messages:

"Contract received. I have sold to"
"Société d'Industrie de Gaz Genevoise and to"
"Kantich & Co., Lullin Kantich & Co., Galoprin"
"Brothers & Co., Lombard Odier & Co. the right of"
"using your light in all Switzerland alone"
"for 50 percent net profits reserving for ourselves"
"manufacture of all lamps and devices"
"including buying wires binding them to purchase

"only of us. - This in your interest; ~~on~~ these"
"are the strongest houses in Switzerland and"
"therefore afford best guarantee against"
"imitation competition or opposition."
"Please cable date your grand trial and"
"I will leave for New York immediately"
"as I desire to submit several important"
"offers received, which I believe you will"
"find highly satisfactory."

Second dispatch:

"Confirm cable just sent. No send article"
"Contract requires your consent please"
"cable immediately in separate dispatch"
"approval of my sale to Société de Gaz"
"and Associates."

I am up to now without reply but hope to receive your cables by tomorrow.

To cater this mail I will only shortly explain you what I did and by next mail I will send you a long letter

E. BIEDERMANN

2

Geneva, 1 October 1880.

explaining everything in detail. —

The Riedemann, Cherbuliez, Gurlinden have passed a provisory Contract with the houses mentioned in the first dispatch to give them the right to light with the Edison light all Switzerland as against the payment of 50% of their net profits, they to buy all Lamps and instruments machines &c for 50 cents only of us and we to make all installations for their account. — For this purpose they have formed a Company with a Capital of £50,000. — paid and increaseable to any amount needed for the working of your light or your motor.

This Company is in our hands and the money paid in since the 15th instant. — As the Inventor of Gas owns most Gas Companies here they can buy services &c where they like which other people would have great difficulty to do any

in towns where the Gas Companies have as to say monopolies. — Against the 4 mentioned houses no one in Switzerland will dare to end make opposition. —

I have further formed a Company "unlimited" with one hundred thousand francs paid in for the purpose of building the factory here and for producing lamps and devices necessary for your Light and for your motor. This Company remains permanently under the direction of us Biedemann, Cherbuliez, Gurlinden. —

Thus on some further particulars by which we make out of the first named Company a little more than 50% which I will all give you in my next letter and also about other propositions I have to make, but I have only 5 minutes

E. BIEDERMANN

3

Genova, 1 October 1880

left to catch this mail and must
therefore close my letter. —

Trusting that everything will be
satisfactory to you. Remains

my dear Sir

Yours very truly
E. Biedermann
3

E. Biedermann
Feb
Oct 10 1880

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS AND DELIVERS messages only on conditions, limiting its liability, which is set forth in its charter and in its regulations.

Messages sent in sealed envelopes or by special delivery, are subject to the reading station for inspection, and the Company will not be liable for any delay or loss in transmission or delivery of such messages.

This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions noted above.

A. H. BREWER, Secy.

NORVIN GREEN, President.

Dated New York Oct 2nd 1880

Received at Windsor D.C.

To Mr A Edison

READ THE NOTICE AT THE TOP.

If you can spare Upton
and he is willing I should
like to see him at two
o'clock at my office
in regard to this ship letter
to Mr. Fursten.

Thos Parker

Expected 9.30 am
9.30 has address in New York

Upton gone away

Edison

Cable no 3 -

(Add please)

Edison Minto Park

Oct 21/11

Have special agreement
binding them to Exploit light
more for society industries
gay is a financial company
owning no gas works in
Switzerland please cable
immediately your approval
contrary are sure you will
be satisfied all is well
done

Buchmann

40 Rue de la Paix

En x 642 pm

Cable

Edison

Menlo Park

Oct 2^d 1880

7:20 P.M.

Second Cable date grand trial
want to be present but can-
not stay long coming over
anyhow to offer you
transaction cash and royalties
for East Indies and with
offer to your company for
parts of Europe from
strong financial syndicate
Please if possible conclude
nothing till my arrival

Pickermann

50 Geneva

and paid for 30 wds

(176)

Biedermann &
Geneve

Oct 5 1880

I approve if parties
guarantee exploitation
Exhibition takes place
five weeks
Edison

1/4 Collect amount one of 20

T. A. EDISON,

Menlo Park, N. J.,

Oct 14 1888
JRM

Cable

Edison

Menlo Park New Jersey

Have closed contract intend
leaving in Steamer Scythia
16 October with special agreement
for working besides with powers
and delegate for East India business
if you have anything to say Cable
me today Langham Hotel London.

Piedermann

40 Ostende
1889

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS AND DELIVERS messages only on conditions, limiting its liability, which have been submitted to by the sender of the following message.

The Company will not be liable for sending a message back to the sending station for retransmission.

This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. N. NEWELL, Sec'y.

NORVIN GREEN, President.

Dated New York, Oct. 25th 1886

Received at MENLO PARK N.J.

To J. A. Edison

READ THE NOTICE AT THE TOP.

Will you be at
home tomorrow morning

J. C. Young
59 Broadway

Y^{rs} paid.

²
NY 27th
PA Edison

Oct 27, 80
2:45 PM

Will you be home
tomorrow coming with
Biederman

J. C. Young

Yes

1143
Edison

Nov 3, 80
11 10

My Young man Thurg

Comes down with 11:00
O'clock train. I come

Thursday

Bickerman!

T. A. EDISON,

Menlo Park, N. J., 15 November 1880.

My dear Sir,

I have come with the 4th train but Mr Griffin just informs me that you are very busy with the Director of the Edison Light Co. and consequently it is no use my waiting. I will come with the one o'clock train tomorrow please keep yourself free as I have some very important news.

Yours very truly

Thomas Edison

FABRI & CHAUNCEY,
PO BOX 1471.

118. South Street
New York Jan. 17th 1880.

Dear Sir

Several official representatives of the Gov. of Guatemala are now here on the way to Europe and have applied to us, thro' a friend, for facilities to see your electric light & make your acquaintance. —

Will you please let us know at your earliest convenience what evening, next week, would suit you best to receive them, and we will

give them an introductory letter to your good self accordingly. —

Anticipating your reply it remains

Fabrizzi's
Fabrizzi & Chauncey

T. A. Edison Esq

Menlo Park
N. J.

Thursday
evening

NY 232

Nov 23rd 1880
5:50 PM

N. A. Edison

The cables you demand will
cost you altogether two hundred
forty dollars delivered in
Switzerland freight and duty
are extra. Telegraph to Fifth
Avenue Hotel if I shall order
them by cable the latter at
your expense
Biedermann

37ms

yes if the message will not
cost more than fifty dollars
Edison

E 13 ^{Copied sent to Brademan Sec.}

^{Mr. 20} I case you shall be successful

^{Mr.} in obtaining for me a contract
with the new Co. to be formed
to work the Berthoud & Boul
patent for lead covered cables at a reduction
of 25% from their prices to the
French Govt, I will give you a
commission of 5% per order
received

T. A. Edison

T. A. EDISON,

Menlo Park, N. J., Nov 26 1880.

E Brademan

Dear Sir

In case
you shall succeed in obtaining
for me a contract with the new
company to be formed to work
the Berthoud & Boul patent for
lead covered cables at a reduction
of 25% from their prices to the
French Government I will give
you a commission of ²⁰~~25~~ on
such reduction.

Yours truly

Thos A Edison

Then you give
me a letter that
you give me to
it.

Free Bidman

Nov 26. 1880

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message.
Communications are granted facilities only for sending a message back to the sending station for correction, and the Company will not hold itself liable for errors or delays in transmission or delivery of uncorrected messages.
This message is an UNRECEIVED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. B. BREVET, Secy.

NORTH GREEN, President.

Dated New York 26 (Nov.) 188

Received at _____

Edison

Please send me the letter
addressed to Barlow Mundy
to Belvoir Lichenstein Fifth
Mrs exchange place at my
expense by special messenger
via Metuchen

Budman

24 p.m. 115 p.m.

Sent this morning
W.C.

READ THE NOTICE AT THE TOP.

ALL MESSAGES TAKEN BY THIS COMPANY SUBJECT TO THE FOLLOWING TERMS

[illegible]

increased by contract in writing, stating agreed amount of risk, and payment of premium thereon at the following rates; In addition to the usual charge for repeated messages, viz.: one per cent, for any distance not exceeding 1,000 miles, and two per cent, for any greater distances. No extra charge for the use of telegraph or cable is made.

The minimum capital required for each company is \$100,000. Companies with less than this are prohibited from doing business with us.

All companies must have their names approved and recorded as per our regulations before they can do business with us.

Messages will be delivered free within the established free delivery limits of the terminal office—in delivery at a greater distance, a special charge will be made to cover the cost of such delivery.

The Company will not be liable in any case where the claim is not presented to it within sixty days after each occurrence.

A. B. BREWER, Secretary

NORVAN GREEN, President

Send the following message, subject to the above terms, which are agreed to.

to Edison
Have not received the letter addressed
to Barlow send immediately by
special messenger at my expense
must have it in the morning
telegraph when it will arrive

Giederman

READ THE NOTICE AND AGREEMENT AT THE TOP.

G. Biedermann
Nov 26

Nov. 26 1889

J. L. M. Barlow Esq
New York

Dear Sir,

I have been informed by
Mr. Biedermann that there is a
Company in formation which
will produce Electric Cables in
accordance with the Beethovend
Ariel Patent dated 2nd November 1888
N^o: 233,970.

Having found these Cables the
best I have seen until now and
exactly suitable for all Electric
purposes and in particular for
my use, I should be glad to enter
in a contract for a large quantity
of these Cables at a price of 25%
below the selling prices Mr. Biedermann
has shown me ~~in~~ his plan and which

are the prices at which these
Cables are sold in Europe. —

I remain

Dear Sir

Very truly Yours

(COPY)

Fabbri & Chauncey,
P.O. Box 1471.

48 South Street,
New York, Nov. 26th '80.

My dear Grosvenor.

I called at your office today, and was sorry to hear that you are still confined to the house.

I am about to enter into negotiations for the introduction of the Electric Light in India, and before proceeding with the business, I wish to know whether you have any objection to its being carried out on the plan of our getting a large return of the profits to be derived from the undertaking. I do not think it feasible in this case to sell the invention out and out, or to obtain any money down in advance. I wish also to know if you have the matter of the right and patents for India in proper legal shape with Edison, so that we shall be perfectly safe in making arrangements for the disposal of the same to other parties. I ask you this because Soren told me that it is his impression that Edison has never confirmed to you in writing the arrangements made with you about India and other countries abroad. Please let me have your reply by Monday as I have made an appointment to talk the matter over with my party on Tuesday.

2

I understand that Edison has made an arrangement with somebody for Switzerland. It would be both useful and interesting for me to know the terms of the agreement.

Hoping that you may be soon about again,

I remain, with kind regards to Mrs. Lowrey,

Yours,

F. G. Fabbri.

(Nov. 27 '80)

Nyx

T. Harrison

Parties from Matamoras
Cannot go tomorrow
Will advise you
When they can visit
Yours
Fabrizio Charnay

Paid

Tarrytown, Nov. 28th 1899.

My dear Ernesto:--

Yours of the 28th has reached me here. I hope to be down next week for business.

India nego-
tiations.)

I shall be entirely satisfied and no doubt will be glad to have you negotiate for a compensation by participation in the profits in the place of an out and out sale in India if it should continue to be your opinion that that is the best method of dealing with the subject in that country.

Legal Title.)

I have not got the rights and patents for India in proper legal shape with Mr Edison, although I understand that it only needs that I should give attention to the matter to have it properly arranged at once.

I wrote him nearly a year ago a letter of which you, I think, have a copy, expressing the arrangement which on his behalf I had made with your firm for India. I had to send him several other letters at the same time respecting various other countries and parties. He did not reply to me then and

On my return from Arkansas I ascertained that he wished to ask me a question about one of the European countries touching some points which he had not fully understood. I answered that, and he then said he would reply to the letters confirming my arrangements. You know how depressed he has been since that time, and I have not again referred to the matter. I will do so now however, and in respect to India, will ask him to make such arrangements as will give you the power to deal as was contemplated with that country, and under which you have been paying the expenses. I would strongly advise you however before going much into the details of the negotiations, to visit Mr Edison and get his ideas. You will find them very business like, and as the subject is a new one to you, he will give you a great many points which you might otherwise overlook. The development of the telephone business as a commercial undertaking may not furnish much light on the present subject, but will at least warn us that we cannot be too careful. Mr. Brown will give you the form of the

license is used by the Telephone companies and also
any advice that you may require in these negotiations.
Switzerland.) I saw something in the newspapers about Swit-
zerland. I know nothing about the terms of the ar-
rangement. That company belongs to the European
Light Company, of which Mr. Soren has knowledge, and
he or Mr. Edison will be able to give you the informa-
tion.

I will send a copy of this letter to Mr. Edison
to whom I am writing today, together with a copy of
your letter.

Hoping to see you soon, I remain as ever,

Yours truly,

J. P. Langley
M. S.

24 Nov 1880
Buckman et al
Guile

After having
examined the Court made
between you and the Lumber
Co's Out let of the date 15 Sept
1880 and of the contract
made between you and the
Elie Appurtenant Co's at
Lumber dated 8 Sept 1880
I declare by these presents
that I give my entire
approbation to those two contracts
with the reserve however
that neither of the 2 said
Co's shall use any machines
or part of my system
manufactured or bought by
them for employment
outside of our jurisdiction
this condition ~~however~~ is
in accord with the contract
made between us

T A E

THE WESTERN UNION TELEGRAPH COMPANY.

This Company Transmits and Delivers Messages only on conditions, limiting its liability, which have been assumed by the sender of the following message, and the Company will not hold itself liable for errors or delays in transmission or delivery of the message, and the sender of the message is requested to report a return check to the sending station for correction.

This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. P. BIERMANN, Sec'y.

NORVIN GREEN, President.

Dated New York Dec 1 1880Received at MENLO PARK N.J.To Edison

READ THE NOTICE AT THE TOP.

Is Wiebe there if
 Is tell him want see
 him immediately. Reply

Biermann

12pd

H. N.Y. 12/1/80

Edison mrs.

Have only one dispatch
 from you must have Wiebe
 here tomorrow morning Early
 telegraph for him if he is
 not with you

Biermann

22pd En. J.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been submitted to by the sender of the following message.
 Messages will be transmitted only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of messages.
 This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions named above.

A. R. BREWER, Sec'y.

NORVIN GREEN, President.

Dated New York Dec 1st 1886

Received at MENLO PARK N.J

To Edison

READ THE NOTICE AT THE TOP.

Am without reply must
 know where Milbur is and
 want to see him today as
 I want his report about Cable
 telegraph at once to him. if
 he is not with you and
 send him to me Fifth Ave
 Hotel - I pay all expenses
 reply Fifth Ave.

Richardson

47/paid

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been submitted to by the sender of the following message.
 Messages will be transmitted only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of messages.
 This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions named above.

A. R. BREWER, Sec'y.

NORVIN GREEN, President.

Dated New York Dec 1st 1886

Received at MENLO PARK N.J

To Thos A. Edison

READ THE NOTICE AT THE TOP.

Guatemala parties
 will come tomorrow
 afternoon - will it be
 convenient and where at
 our expense

Father Schumey

14 Pa

I shall be busy in
 patent suit but Mr. Appleton
 will show them around
 Edison

Odessa Dec 5. 80
A. Makarivitch
a Jan 19-81

5/17 December 1880.
Odessa.

M^r Edison,
New York.

We are not prepared as yet to
sell lamps, but will shortly be
in ^{America} ~~England~~ ^{London} ~~London~~

Later, having read in
the newspapers that you
invented a new Electric
Lamp, the cost of which
does not exceed in comparing
the produced light, I therefore
reply to your kindness to
send me two of the said
Lamps to your invention,
also the the price is

Y.

English money, which will
be sent to you by first post
At the same time I will
send you a great pleasure
to introduce your invention
in this country, as also to be
in correspondence with you
on the subject.

Remain Gentleman,
Yours truly,
A. Makarievitch.

My address:

M^r Adolphe Makarievitch,
Deribas Street,
House Prince San Lorenzo,
N^o 1, quarters N^o 18. —
Odessa, Russia.

08.05.18 1858
18-11 1858

THE WESTERN UNION TELEGRAPH COMPANY.

This Company **TRANSMITS AND DELIVERS** messages only on conditions, limiting its liability, which have been accepted by the sender of the following message.

Errors can be regarded against only for repeating a message, but not for the sending station for comparison, and the Company will not bear blame for errors or delays in transmission or delivery of telegraphed messages.

This message is an **UNREPEATED MESSAGE** and is delivered by request of the sender, under the conditions named above.

A. R. BREWER, Sec'y.

A. R. BREWER, Sec'y.

NORVIN GREEN, President.

Dated New York Dec 7th 1880

Received at MENLO PARK N.Y.

To Edison

READ THE NOTICE AT THE TOP.

Send me a letter addressed to Messrs Kunkhardt & Co requesting them to deliver me the case containing Cables and addressed to you which arrived in Steamer Lessing.

Friedemann

28 paid

Mr Casman

Please write letter

Tac-

2/1/79

Blank No. 2.

THE WESTERN UNION TELEGRAPH COMPANY.

ALL MESSAGES TAKEN BY THIS COMPANY SUBJECT TO THE FOLLOWING TERMS:

[illegible][illegible]

A. B. BREWER, Secretary

NORVIN GREEN, President.

New York Dec 8th 1880

Send the following message, subject to the above terms, which are agreed to.

To Larson

I have not received letter
from you to go out the cable
please send it at once

~~ip @ 10/10/10~~

Zedermann

READ THE NOTICE AND AGREEMENT AT THE TOP.

E. J. Biederman

Dec. 9, '80

to Baltzer ~~Philadelphia~~

52 Exchange Place

Letter sent in regard

to cable wire. Have you
received yet.

10 A.M.

N. A. Edison

910

27 Nov

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which has been accepted by the Government of the United States.

Errors can be corrected by retransmitting a message back to the sending station for correction.

For the Company's written acknowledgment of the receipt of messages, delivery of messages, or the transmission of messages, a receipt must be obtained from the sender.

THE COMPANY IS AN UNREPEATED MESSAGE 100 is delivered by request of the sender, under

A. D. BREWSTER, Secy.

NORVIN GREEN, President.

Dated NY Dec 9th 1880

Received at MENLO PARK N.J.

To Edison

READ THE NOTICE AT THE TOP.

Have not received
any letter but want
it very badly

Biederman
to paid

Dec 10, 80

12:45 pm

3

ny 10

Edison

Rec'd letter if you
have rec'd bill of lading
for the cable send it on
immy by special messenger
to Baltzar if not wire
at once

Biedermann

26 paid
wry

³
Nyst
Edison

Dec 14 80
1140

Will come down tomorrow
if you are not too busy

Biedermann

^{Paid}
10 Paid

John H. Porter.
Grovehouse H. Lavery.
Gen. Walter Smith.
Chas. Francis Shaw.
Gen. S. Hamilton.
Wm. L. Porter.

P. O. Box 1836.

Porter, Lavery, Loren & Stone.
Attorneys & Counsellors at Law.
No. 3 Broad St. New York.

D e c . 14, 1890. 18.

My dear Edison:

Enclosed please find a copy of my letter of March 25, 1880, to which you have never formally replied, although you have confirmed and approved the arrangements therein stated, orally.

I am about to prepare complete contracts to cover each of the subjects referred to in that letter, but for the same reason there stated, I desire to have your letter confirming and accepting the arrangements there set out. To save you some trouble, I enclose what would be a proper letter to be written by you as I understand it. If you approve it, please have it copied out, so as to go in your letter book and return it to me, signed.

Yours very truly

T. A. Edison, Esq.

Enclosures.

E. P. Lavery

[ENCLOSURE]

John R. Porter,
Governor of New York,
Geo. W. H. Hays,
Chas. Francis Smith,
Gen. S. Hamilton,
Wm. L. Porter.

P.O. Box 1836.

Lowrey, Loren & Stone,
Attorneys & Counsellors at Law,
107 1/2 Broadway, New York.

March 28th 1890.

My dear Edison:-

I am going to the Hot Springs to-morrow, and perhaps I shall not see you again before my return.

To guard against the consequences of either your death or mine leaving out various arrangements as they are now, only understood as between ourselves, I now state them and ask you to reply to this letter approving if you find them correct.

First, in respect to England:

Although the last time we spoke on this subject you said that you understood and intended that I should have a one-third interest in your remaining interests under the Proxel Morgan & Co. arrangements, I am disposed to decline that, because all the service which I could render you was rendered before you made this suggestion. I therefore, with thanks for the generosity of the offer, will not accept it, leaving you, therefore, so much richer and looking for my share alone to M.F. & Co.

Second, as to Cuba:-

I have arranged on your behalf with Mr. Navarro

[ENCLOSURE]

that he is to pay all expenses of taking out the patents and introducing the light into the island of Cuba in consideration of one-half the net proceeds; he is to have full control of the disposition of the patents. Of the other half, going to you, you are first to deduct fifteen per cent., and then of the remaining portion, to wit, thirty five per cent. of the whole, you are to give to me one third.

Third, as to India:—

I have arranged with Messrs Lubbock & Channoy in the same manner; they are to receive thirty five per cent. as their compensation, you are to have sixty-five. Of this sixty-five per cent. fifteen is to be first deducted by you and then you are to give me one third of the remaining portion, to wit, of fifty per cent. of the whole.

Fourth, as to Portugal, New Zealand, New South Wales, Queensland and Victoria:—

I have made the same arrangements as to the above as were made with India and am to have the same share of your interest.

In all these cases, as I have informed you,

[ENCLOSURE]

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I also make the other parties give me a percentage of their net profit.

If this is correct please acknowledge the receipt of this letter and say so. All the interests referred to above as being for me are for the account of Porter, Lowrey, Green & Stone. I will have suitable letters exchanged between you and each of these parties expressing in a general way the right and obligation of each.

Please also refer to and ratify the letter to Messrs D.M. & Co., F. & Co. and Mr. Navarro, dated the 25th, copies of which are enclosed. Yours truly,

G. P. Lowrey.

To

T. A. Edison Esq.

(COPY)

Menlo Park, N.J., Dec. 15th, 1890.

G.P.Lowrey, Esq.,

Dear Sir:

Your letter of March 25th 1890 in which you stated the arrangements made by you on my behalf with Messrs. Drexel, Morgan & Company in respect to Portugal, New Zealand, New South Wales, Queensland and Victoria and with J.F.Navarro Esq., in respect to Cuba, and with Messrs Fabbri and Chauncey in respect to India, was duly received at about the time of its date, and correctly states the arrangements between us as to the interests of Porter, Lowrey, Soren & Stone; and all the arrangements set forth are in accordance with my authority to you so far as the countries mentioned are concerned.

I will state that if you have not had it understood with both Drexel, Morgan & Company and Fabbri & Chauncey, that they were to bear the expenses or provide persons or syndicates who would bear the expenses (if such a thing were necessary) to make one installation of a Station in each of the countries named that this was always my intention and supposition.

With this understanding I hereby ratify and approve the arrangements made by you and desire you to prepare proper assignments or other contracts carrying out the same.

Very soon after the receipt of your letter, I informed you in conversation of my approval and this written approval has been omitted only because of the engrossing nature of my occupations, which have prevented me from attending to such matters as promptly as I should otherwise have done.

Very truly,

Thomas Alva Edison.

John R. Porter,
Counselor at Law,
Gen. Walter Horn,
Chief Justice House,
Gen. S. Hamilton,
Wm. L. Porter.

P.O. Box 1836.

*Porter, Lowrey, Loren & Stone,
Attorneys & Counsellors at Law,
No. 3 Broad St. New York.*

Dec. 16, 1890. --AT

T. A. Edison, Esq.

Dear Sir:

Yours of the 15th, in answer to my letter of March 25th,
is received.

You say: "I will state that if you have not had it under-
stood with both Drexel, Morgan & Co. and Fabbri & Chauncey
that they were to bear the expense or provide persons or syndi-
cates, who would bear the expense (if such a thing were necessary)
to make one installation of a station in each of the countries
named, that this was always my intention and supposition."

I did not stipulate with respect to India with Fabbri &
Chauncey, nor with respect to any country other than England with
Drexel, Morgan & Co., for any exhibition in those countries, or
the setting up of a station.

You will remember that Drexel, Morgan & Co., in the agree-
ment of December 31, 1878, agreed to make an exhibition in
Great Britain if, in their opinion, it should be desirable; they
reserving the fullest liberty to determine whether that expendi-

ture should be made. As exhibitions will be made in New York and possibly in London before any could be called for in India and the other countries named in my letter of March 25th, it is unlikely that such exhibitions would ever be really necessary. I do not doubt, however, that Fabbri & Chauncey and Drexel, Morgan & Co. will be willing to agree in respect to such exhibitions in the same terms substantially as Drexel, Morgan & Co. agreed with respect to England.

If this will be satisfactory to you, please let me know by a letter acknowledging the present one, and in which please say:

"I approve of your arrangements with Fabbri & Chauncey in respect to India, and with Drexel, Morgan & Co., with respect to Portugal, New Zealand, New South Wales, Queensland and Victoria; these firms to be guided by their own judgment in determining whether to make exhibitions of the Electric Light in those countries in the same manner as Drexel, Morgan & Co. may do under my contract with them in respect to Great Britain; and request you to prepare contracts to set forth more formally the agreement in respect to those countries."

I have completed a draft of the agreement between you and the Electric Light Company, which contains various changes from the one which you saw; upon reflection they seemed to be necessary to secure the substantial points agreed upon. I will send or bring it over to you as soon as it has been examined by the Executive Committee and received their approval. I think you will find it right.

Yours very truly

A handwritten signature in dark ink, appearing to read "G. P. Lowry". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

[ATTACHMENT]

Copy of Letter of Confirmation.

J. P. BOWEN, Esq.

Dear Sir:

Your letter of March 24, 1870, in which you stated the arrangements made by you on my behalf with Messrs. Arnould, Morgan & Co., in respect to Portugal, New Zealand, New South Wales, Queensland and Victoria, and with J. P. de Siqueira, Esq., in respect to Cuba, and with Messrs. Faberi & Humphrey in respect to India, was duly received at about the time of its date, and correctly states the arrangements between us as to the interests of Porter, Hawkey, Jordan & Stone; and all the arrangements set forth are in accordance with my authority to you so far as the countries mentioned are concerned.

I hereby ratify and approve the arrangements made by you and desire you to prepare proper assignments or other contracts carrying out the same.

Very soon after the receipt of your letter, I informed you in conversation of my approval, and this written approval has been omitted only because of the engrossing nature of my occupa-

[ATTACHMENT]

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tions, which have prevented me from attending to such matters as promptly as I should otherwise have done.

John H. Porter,
Counselor at Law,
Gen. Wm. Stone,
Chief Justice State,
Geo. S. Hamilton,
Wm. L. Porter.

P. O. Box 1836.

Porter, Lowrey, Toren & Stone,
Attorneys & Counsellors at Law,
No. 3, Broad St., New York.

Dec. 18. 1886.

Dear Mr. Toren. For the purpose of
executing proper instruments to secure
the interests in Electric Light Co. in Cuba
Porto Rico & the proper parties; and
also for Mr. Larnelle's use, in doing some
things required by recent provisions of
the Law of Spain, on your own behalf
we would like to leave for a few days
all Spanish Patents (Electric Light Co.)
in your hands, — and all other papers
which have been executed by yourself
or others, relating to any interest under
those patents.

These may be brought here by Mr.
Griffin and may remain in his
Custody, if you prefer.

Yours

Wm. L. Porter

$$\begin{array}{r} 12.800 \\ 12.800 \end{array}$$

Handwritten signature: *Handwritten signature*



CABLE ADDRESS.
"EDISON, LONDON."

6, Lombard Street, E.C.

London, Dec. 28, 1890

A. Edison Esq,
New York
New Jersey USA

Dear Sir,
Electric light joint ^{Agreement} ~~to~~ Edison & Drexel

Morgan & Co.

Will you do me the favor of
having your good friend ^{Griffin} at his earliest
convenience make me a notari-
certified copy of the above. My
copy is locked up in such a
manner that I cannot get it out
I should like to have a copy of it
here.

Yours truly

Wm. Morgan

The Edison Telephone Company of London Limited.
Aldwych House Chambers,
Riverside 27/163.

11, Queen Victoria Street, E.C.

London.

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MANAGER & SECRETARY,
J. A. ARNOLD WHITE.

My Mr Edison

Look out for Prof Barretto - of course
you have seen the Published matter
in the English Papers on Barretto
discoveries as to the Chalk Cylinder
- He wrote white announcing his
"great discovery" &c &c - I replied
saying that you had Published
all this many months ago - The
damned fool has evidently shown
my letter to some one - & he is
now being jibbed about it: &
further he can't stand up
under it: So he is down on me
& also you - It seems he has
met the man Waugh who was
out to see you on E. L. and to
use Barretto's own words -

"I completely demonstrated
to him ^{recently} the utter impossibility
of Edison's getting over 3 lamps
per Horse Power" -
Is it true you gave this man
Waugh some of your lamps?

MANAGER & SECRETARY,
ARNOLD WHITE.

The Edison Telephone Company of London Limited
Messrs. House Chambers,
Rooms 1213,
11, Queen Victoria Street, E.C.

"If you are wise ^{London} you will
not risk them in the hands
of any one in this country
not having your personal
interests more at heart than
their own - the failure of
one of them would soon
be broad casted over England
I don't want this sort of
handicapping - Barnett might
induce this man to let him
try them - & then purposely
break them - or by applying
an inferior machine seem
to prove his assertions -
Refer these people all to me

Yours
John W.

TESTIMONIALS
AND
LIST OF EMPLOYERS.

Anglo-American Brush Electric Light
Corporation, Limited.

MANUFACTORY:—
VICTORIA WORKS, VINE STREET, LAMBETH.

OFFICES:—
74, HATTON GARDEN, E.C.

A few of the Testimonials received as to the
working of the
BRUSH ELECTRIC LIGHT.

From Messrs. Peck, Frean & Co., Blacutt Manufacturers, London.

GENTLEMEN,—We have now employed the Brush Electric Light for the illumination of a portion of our works at night, since the 22nd of March last, and since that time it has entirely superseded gas in those rooms where the lamps are fixed.

The beauty and steadiness of the light are excellent, and the return to the dull glimmer of gas would be regarded by all as a great misfortune. Our work-people speak of it in the highest terms of satisfaction, as by it they are enabled to turn out better work, whilst the rooms are cooler and more cheerful. From careful calculations made of the cost of the Electric Light compared with that of gas at 3s. per thousand, we think we may safely say that we effect a saving of about 20 per cent, whilst we obtain an incalculable increase of light, and that of a quality to enable us to see clearly the slightest variation in the colour of our goods, which was impossible under the old system. The above calculation includes the cost of a separate engine, which would probably be necessary in a further extension of the system, which we have in contemplation. Hitherto we have utilised the space power of the engines driving the machinery in the west wing of our works in which the Electric Light is fixed.

Yours truly,

(Signed) PECK, FREAN & CO.

From the Riverside Worsted Mills, United States.

RIVERSIDE WORSTED MILLS, PROVIDENCE, R. I., Dec 1, 1879.

DEAR SIR,—Your letter asking for a sketch of our experience with the Brush Electric Light, is at hand, and we willingly give you such information as you desire.

We had been making some investigations into the electric lighting in use in France, when our attention was called to the American systems on exhibition at the Mechanics' Fair in Boston, in the autumn of 1878. After as careful attention to the matter as its then undeveloped state admitted of, we decided that the Brush system, if any, was the light best adapted to our wants, and arranged with your Boston Agent to set up one of your largest machines in our mill on trial.

The machine was set up and started about the 20th of February; its success was instant and complete, so much so that this machine was accepted and another ordered at once. This second machine was started in March, when a third was ordered by telegraph, which was set up and running early in April.

With these three machines we ran through the summer, getting such satisfaction that in September we ordered two more, which are both now running, making in all five of your largest machines running eighty (80) lamps, which are now regularly lighting nearly all our principal rooms. After this experience of nearly a year we have not a word to give you save of praise. Our satisfaction increases as we come to know the machines more thoroughly.

They could not have a severer test than we give them, as our mill runs night and day the year through, and we have not had a moment's delay from, or a dollar's worth of repairs on, any of the machines or lamps. The light is all we expected; it is strong and steady, clear and white; it is universally liked both by overseers and help, so much so that we doubt if we could get along now with the help, if we were to return to the old gas lighting; certainly we should not get so good work, nor so much of it. We use porcelain globes pretty generally throughout the mill, and we have less complaint of trouble to the eyes than we used to have with gas.

The air of the rooms, too, shows a very marked difference. In our Weave-Room, with its two hundred and fifty (250) gas lights, the air became almost unbearable after midnight in the summer; and the jaded appearance of the men showed how they felt it.

With the electric light there is no such trouble, as the air is as good as in the daytime, and noticeably cooler.

An answer to your question as to how many gas burners would give us as much light as we are getting now, will hardly give a fair test, as we should never think of trying to get so much light with gas.

In our Weave-Room, for instance, we formerly had two burners to each loom close down to the work, now the *mobile room* to the peak of the roof and in the furthest corners is almost as light as day; still the figures are interesting.

We had formerly about two hundred and fifty gas burners of seventeen candle power each, a total of four thousand two hundred and fifty candle power. We now have twenty electric lamps of two thousand candle power each, a total of forty thousand candle power.

Your other question, "How many gas burners would answer your purpose?" is more satisfactorily answered. Owing to some changes preparatory to setting up new machinery, all our eighty (80) lamps are not at this moment in full service, but by actual count we have seventy-one (71) lamps permanently placed, and these displace five hundred and seventy-eight (578) gas burners; that is, there are five hundred and seventy-eight burners already placed that would be lighted were the electric lights stopped.

Estimating these burners at six feet per hour, we should use 3,408 cubic feet of gas per hour, costing at 2 dols. per thousand cubic feet, 6 dols. 90 c. per hour.

The actual cost of the electric light is as follows:—

Consumption of carbons per hour	80
Power used for machines	65
Interest on cost of machines, say 15,000 dols. ...	50
Attendance, oil, wear and tear, etc.	36

Total cost per hour*Dols. 2.20

Making a saving of four dollars and seventy-three cents (4 dols. 73 c.) per hour, and this saving for the three thousand (3000) hours the machines run in the year is 14,100 dols., and nearly pays for the machines. These figures are *actual*, as we averaged the number of carbons burned for several nights, to get the exact consumption of each lamp, and for the consumption of gas we took off a number of the gas burners in use, had them tested on a test meter, and averaged them, getting a strong six (6) feet to each burner.

Respectfully,

RIVERSIDE WORSTED MILLS.

* Equal to about 14d. per hour for each lamp of 2000 candle power.

From the Oswego Falls Manufacturing Company.

OSWEGO FALLS, N. Y., Dec. 5, 1879.

The Brush Electric Light Co.

GENTLEMEN,—In reply to your inquiry, I have much pleasure in saying we are well pleased with the four No. 7 machines, which supply 78 globe lights you fitted up for us. The result realizes our sanguine expectations.

The cost of generating the light is *very small*, especially where water power is available. The great merit, however, of the light is its not wasting the quality of the atmosphere, which, after a room has been lighted for several hours, remains cool and pure, and, therefore, is more healthy than any artificial light with which I am acquainted.

Yours respectfully,

D. RAMSDEN, Supt.

Mr. Ramsden has since ordered another machine, and now has ninety lights in regular use. The gas pipes have now been removed from the mill.

From Atlantic Mills, Providence, R.I.

ATLANTIC MILLS, PROVIDENCE, R. I., Nov. 11, 1879.

Brush Electric Light Co.

GENTLEMEN,—In reply to your inquiry as to the result obtained by us in the use of your Electric Light, we would say that it has given us good satisfaction. For manufacturing purposes we find it *far* superior to any other light, and are confident it is *much* more economical than *any* kind of gas.

The machines and lamps require but very little attention, and need only a man of average intelligence to use them successfully. We expect in the *near* future to light our entire works by the use of your machines.

Very truly yours,

OWENS BROS., Agents.

These parties now have in use thirty-six lights. They manufacture chemicals and dress goods, and need plenty of *mobile* lights. Their unequivocal endorsement of the light as above, is one of the very best proof of its adaptation to such uses.

From Cheney Brothers, South Manchester, Ct.

SOUTH MANCHESTER, CONN., Dec. 3, 1879.

The Brush Electric Light Co.

GENTLEMEN,—In response to your inquiries we say that the experimental eighteen light machine that you put in at our works promises to be a success. We are experimenting with the machine in different

departments of our works, in order to fully test its capacity, and the cost of lighting our mills as compared with gas. So far the results are favourable, and we think further trials will demonstrate the value and economy of your light.

Yours truly,

CHENEY BROTHERS.

From the Willimantic Linen Company.

TREASURER'S OFFICE, HARTFORD, CONN., July 6th, 1879.

Brush Electric Light Co.

GENTLEMEN,—The six-light electric machine, which we put in our Willimantic Mill, is running to our entire satisfaction. We have ten lights in our winding room, 68 feet by 80 feet, and four in the mule room, 68 feet by 200 feet, where we are spinning No. 140 cotton. The entire cost is about equivalent to gas at 1 dol. per thousand feet—the light *pay* better. Gas costs us 5.50 dol. per thousand feet. I enclose a photograph, taken in the winding room after midnight, which gives a very good idea of the power of the light.

In this room the electric light is particularly of value, as colours can be determined as well as by daylight. The light does not raise the temperature. All gas gives out non-respirable gases and consumes oxygen. At the end of the day, when work-people are well tired out the effect of gas, by raising the temperature and giving out noxious gases, on the workers is quite plain (to say nothing of the bad effect as a good many work-people and a large number of gas-burners. The gas raises the temperature in our winding room 13 deg., the electric light *not at all*, as shown by a common thermometer. You will see that this evenness of temperature is very important in the spinning of fine cotton yarns.

Yours truly,

W. E. BARROWS, Treasurer.

From Waterman and Mayen, Corset Factory.

WEST BROOKFIELD, MASS., Dec. 4, 1879

Brush Electric Light Co.

GENTLEMEN,—In reply to yours as to results obtained in our use of the Brush Electric Light, it gives me pleasure to say that we are running one of the No. 8 machines, with six lamps, and are getting results from it that are very satisfactory as regards economy, and as a first-class light. I consider it the best of lights for manufacturing, as in the management of it it requires but little care or skill, being easily understood and adjusted.

C. S. HOLMSTEAD, Supt.

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From the Continental Clothing House.

Boston, Dec. 1st, 1879.

Brush Electric Light Co.

GENTLEMEN,—In answer to your inquiry as to the Brush Electric Light used in our clothing establishment, where we are nightly using the six-light machine we bought of you in November, 1878, we would say that we have run the lights for three hours each night through the winter, and Saturday nights four and half hours. Our room is 162 feet by 90 feet and 16 feet high, and was formerly lit with eighty five foot gas burners, which cost us about 81 cents per hour. The average cost of the electric light, including power, carbon, attendance, &c., is about 50 cents. per hour.

We find the light to be perfectly satisfactory in every respect, in fact we should not know how to do our business with the old gas burners formerly used. The light is perfectly steady and brilliant, and we find it a great advantage in showing the great variety of colours that are displayed in our goods. Our entire expenses so far, do not exceed five dollars.

FRIELAND, LOOMIS & Co.

From the Montague Paper Company.

OFFICE OF MONTAGUE PAPER CO.

TURNER FALLS, MASS., Nov. 5, 1879.

Brush Electric Light Co.

GENTLEMEN,—We take pleasure in sending you our opinion of your light. We are not in a position to speak of the economy or practicality of lighting our entire works by electricity, for ours is only a single light machine put up experimentally, and lighting only one room. We have found the light useful and satisfactory in the way of keeping our colour *uniform through the night*, and it is a pleasant and agreeable light to work by.

Yours very truly,

MONTAGUE PAPER CO.

From Boston Manufacturers' Mutual Fire Insurance Company.

BOSTON MANUFACTURERS' MUTUAL FIRE INSURANCE

COMPANY, BOSTON, MASS., Nov. 21, 1879.

G. W. Stockler, Esq., V.P., Telegraph Supply Co.

DEAR SIR,—You are at liberty to say that this Company prefers the Electric Light (so guarded that points of incandescent carbon cannot fall from it) to any other known mode of lighting, having as yet been unable to find any cause of danger in its use, except as above stated. Yours very truly,

EDWARD ATKINSON, President.

It is well known that the Hon. Edward Atkinson is the highest authority on Mill Insurance and Mill matters generally, and great value attaches to his opinion.

From the Bay State Iron Company

OFFICE BAY STATE IRON COMPANY,
2, PENNINGTON SQUARE, BOSTON.

Brush Electric Light Co., 5, Pennington Square, Boston.

GENTLEMEN,—In answer to your enquiries as to the operation of the Brush Electric Light Machine at our Works in South Boston, we would say—We purchased the largest steel machine, No. 7, for then constantly, which number we expect to increase at an early day. We have substituted double for single lamps, by which we get a light burning sixteen hours without change.

We use the light in all parts of our works, and have also employed it while unloading coal at night at our wharves. For all purposes, and in all places where we have needed it the light has answered our expectations for economy in the power required, and in the cost of production, and we consider it has special adaptations and advantages for use in all departments of the iron industry.

Truly yours, J. AVERY RICHARDS, *President.*

From the Phoenix Iron Works.

PHOENIXVILLE, Pa., July 10th, 1878.

Telegraph Supply Co., Cleveland.

GENTLEMEN,—We light our machine shop, 317 by 90 feet, 38 feet high, and our column shop, 130 by 55 feet, 15 feet high, with 11 Brush Electric Lights. In these shops are about 100 machines, consisting of lathes, planers, drill-presses, boring mills, punches, and steam riveters. We formerly used reflector lamps and small hand lamps, costing about 11 dols. a per night of twelve hours. Counting power, attendance, and carbons, the cost of the electric light is about 4 dols. per night. The lights have given us satisfaction, and we consider them much better and cheaper than anything we have hitherto had, and superior to any other we know of.

Yours truly, PHOENIX IRON CO.

From the Norway Iron Works, Boston.

NORWAY IRON WORKS, BOSTON, January 20, 1880.
NAYLOR & CO.

Brush Electric Light Co.

GENTLEMEN,—The No. 7 machine for eighteen double lamps which you furnished us, works to our entire satisfaction, giving us all the light we required at the various parts of our mill which we wish to illuminate.

Truly yours,
NAYLOR & CO.

From Pottstown Iron Company.

POTTSTOWN, Pa., December 17, 1878.

Telegraph Supply Co.

GENTLEMEN,—Replying to your favour of the 10th inst., would say that we are using the Brush Electric Light in our plate iron works, nail manufactory, and shops very successfully. Our primary object in introducing the light in our works was to enable us to run our nail factory double turn, as the large and increasing demand for our special brand made it necessary for us to enlarge our production. The work of nailing requires a good strong light: the opening of a nail factory at night being a new departure for that branch of the iron trade; but with the aid of the electric light the main difficulties have been overcome, and we were so much pleased with its service that we introduced it also into our mills and shops, believing that it would add to the comfort of our men as well as increase their utility, although the same degree of light required for our factory work is not necessary for general mill operation. We have a large trade in plates for locomotive and tubular boiler purposes, as we make a specialty in the higher grades, as well also for ship plates, of which we furnished largely for the American line of steamers. The adoption of the light in this last named department has fully met our expectations, and enables us to take further steps for the increase of our product there, which the enlarged call for our plates now necessitates.

Yours respectfully,

WILLIAM H. MORRIS,
Treasurer Pottstown Iron Co.

From Hon. R. R. Herrick, Mayor of Cleveland

MAYOR'S OFFICE, CLEVELAND, O., June 27, 1878.

A. T. Whiting, Esq.

DEAR SIR,—Yours of the 4th instant is received. Our Monumental Park, formerly lighted by 105 gas lamps, is now, and has been since sometime in April, far better lighted by 12 Brush Electric Lights.

I think this Brush Electric Light is far superior to anything I ever saw before as an outdoor park light. It is beautiful, and makes everything around appear beautiful. I believe our people are universally pleased with the light. It is brilliant and steady. Our heavy storms of wind and rain do not seem to affect it in the least. The machine is located 500 feet from the park, and the circuit is about 4000 feet in length, and all the lights are in one circuit. I think Nantuxet Beach would be grandly beautiful if illuminated by these lights.

Respectfully,

R. R. HERRICK, *Mayor.*

From the Barber Match Company, Akron, O.

BARBER MATCH CO.

AKRON, Nov. 25, 1878.

The Telegraph Supply Co.

GENTLEMEN.—We desire to express our entire satisfaction with the Electric Light you have placed through our factory. We find it a great success, as we are lighted much better than ever before—day or night. The only fault we have to find is that you did not place it in our works a year ago.

Yours truly,

JOS. K. ROBINSON, President.

This is the largest Match Factory we know of in this country. They use one of our 16-light machines.

From Senator William Sharon, Owner of Palace Hotel.

SAN FRANCISCO, April 24, 1878.

Telegraph Supply Co., S. F.

GENTLEMEN.—I have been using ten electric lights at the Palace Hotel, furnished from one No. 4 and one No. 3 Brush machine, using about ten horse-power. The lights are placed as follows: Two 3000 candle lamps in the court, displacing 510 gas jets; two 1000 and one 3000 candle lamps in the grand dining room, displacing 280 gas jets; one 1000 candle lamp in the restaurant, displacing 150 gas jets; one 1000 candle lamp in the office, displacing 100 gas jets; one 1000 candle lamp in the kitchen, displacing 50 gas jets; one 1000 candle lamp in bar room, displacing 25 gas jets; one 3000 candle lamp in front of the hotel. The lamps in the dining room are switched from there to the front of the hotel, and to the bar room after the dinner hour, and all are working to our entire satisfaction. We feel free to state that the Brush Electric Light is a cheap, practical light to use where much light is needed.

Yours truly,

WM. SHARON.

We also light with crystal chandeliers, the Baldwin Hotel at San Francisco, and the Grand Pacific Hotel at Chicago. For hotel offices, corridors, dining rooms, &c., it is especially valuable, and saves a great saving over gas.

From the Deer Creek Mine, near Smartsville, Cal.

SAN FRANCISCO, April 24, 1878.

Telegraph Supply Co., S. F.

GENTLEMEN.—I have just returned from Deer Creek Mine near Smartsville, which is now lighted at night by three lanterns of 3000 candle power each, supplied from a Brush Electric Machine furnished by you. The light thus produced enables the Company to work the mine at night practically as well as by day. The machine requires but little attention, and the expense is small. Should the apparatus continue to work as well as at present, the Company will be entirely satisfied.

Yours truly,

Geo. P. THURSTON, Secretary.

The Lake Superior Mine at Ishpeming, and the Mesquith Mine at Quilicura, Mich., are also using our light with excellent results.

From Cleveland [Burial] Case Company.

CLEVELAND BURIAL CASE CO.

CLEVELAND, O., May 9, 1878.

Telegraph Supply Co.

GENTLEMEN.—The Plating Machine purchased of you at the beginning of this year has given us entire satisfaction. You, perhaps, remember that we started everything new when we bought your machine, and when our plater, a gentleman of large experience, came to make his first trial with machine and new solutions, he remarked that "it looked like it was going to be all right from the start," which he thought "would be miraculous." So, from our first experiment to date we have no complaint to make.

Yours truly,

J. W. HATCHER, Supt.

From Baltimore Nickel Plating Works.

BALTIMORE NICKEL PLATING WORKS,

BALTIMORE, Md., April 23, 1878.

Telegraph Supply Co.

GENTLEMEN.—We have used one of your Brush Dynamo-Electric Machines for electro-plating for several months. Its daily practical use has proved very satisfactory. We commend it especially for its entire freedom from any difficulty in regard to heating, the amount and regularity of current developed, economy of power consumed and its durable and simple construction.

Yours respectfully,

A. GREENLEAF & CO.

From Lowrie, Shurmer & Massey.

CLEVELAND, OHIO, January 1st, 1880.

Telegraph Supply Co.

GENTLEMEN.—Something over a year ago we purchased a 12-inch Weston Dynamo-Electric Machine for use in our plating establishment, and it ran pretty well for awhile, but soon began to give us trouble by getting badly heated and getting out of order generally. We had it repaired at an expense of over 50 dollars, but very soon it gave out again, and we became disgusted with it, and ordered one of your 9-inch Brush machines in its place. This has now been running with the most perfect satisfaction for several months, and we feel very gratified at the results obtained with it. It does not get at all heated, even with all the work we can get into our baths, thus avoiding the necessity of running water through it as with the old Weston machine. The Weston machine is at your disposal any time you send for it.

Yours truly,

LOWRIE, SHURMER & MASSEY.

From Sly and Furman.

CLEVELAND, OHIO, January 28th, 1880.

Telegraph Supply Co.

GENTLEMEN,—We have been using one of your 9-inch Brush plating machines for two years past in our plating establishment, and it has not been out of order or given us any trouble for even an hour during that time. It never gets hot, even when pushed with work, and we have done as high as 30,000 dots. worth of work per month with it.

We are familiar with all the plating machines in the market, and do not know one that compares with the Brush in any respect.

Yours truly,

SLY & FURMAN.

From the Buffalo Dental Manufacturing Co.

BUFFALO, N. Y. Jan. 31, 1880.

Telegraph Supply Co.

GENTLEMEN,—In response to your enquiry as to how we like our "Brush Dynamo machine," we have to say that we see no reason to change the favourable opinion expressed in our former letter. It is always ready, and gives no trouble. Before we used this we had a Weston which troubled us very much by heating. This objectionable feature does not appear in the Brush machine. We would not part with it if we could not replace it.

Yours very truly,

R. D. M. Co.,
Geo. B. Snow, *President*.

From Myers, Osborn and Co, Stove Manufacturers.

OFFICE OF MYERS, OSBORN & CO., CLEVELAND,
Feb. 3, 1880.

Telegraph Supply Co.

GENTLEMEN,—We have used the Brush Dynamo-Electric machine for a year, with entirely satisfactory results. The machine is fully up to the standard of excellence claimed.

Yours respectfully,

MYERS, OSBORN & CO.

From the White Sewing Machine Co.

CLEVELAND, Feb. 3, 1880.

Telegraph Supply Co.

GENTLEMEN,—In reply to your inquiry as to our opinion of the "Brush Dynamo-Electric Machine" for nickel-plating, we take pleasure in stating that we have used it for nearly two years to our entire satisfaction, and can heartily recommend it for its durability and its non-liability to heat or change of current.

Very truly yours,

WHITE SEWING MACHINE CO.

LIST OF EMPLOYERS OF THE LIGHT.

AS the best evidence of the fact that the *Brush Electric Light* is no longer an experiment, but a fully developed and thoroughly practical illuminator, we give below a list of the most prominent places where the light has been purchased and is in regular use, or has been ordered for use.

IN GREAT BRITAIN.

- 16 " *Lights—the Admiralty.*
- 17 " *South Kensington Museum.*
- 18 " *Royal School of Mines, Jernyn Street.*
- 19 " *Admiralty (second order).*
- 20 " *Woolwich Arsenal.*
- 21 " *Fish, Fearn & Co., London.*
- 22 " *Burrows-in-Furness Ship Building Company.*
- 23 " *Great Eastern Railway Company.*
- 24 " *Dunlop Bros., Dumbarton (for ships).*
- 25 " *Burrows-in-Furness Ship Building Company (second order).*
- 26 " *Meares, Buss and Co., London (second order).*
- 27 " *Fish, Fearn & Co., London (second order).*
- 28 " *Isaac Holden, Esq., Oakworth House, Oakworth.*
- 29 " *Dunlop Brothers, Dumbarton (second order).*
- 30 " *Ballock & Co. (for export).*
- 31 " *Meares, Holden & Son, Alton Works, Bradford.*
- 32 " *I. R. Crawley, Esq., Halifax (on order).*
- 33 " *Meares, Caird & Co., Greenock.*
- 34 " *R. Naylor & Sons, Glasgow.*
- 35 " *Baldwin, Halifax.*
- 36 " *Great Western Railway Company, Tuddington Station (on order).*
- 37 " *Meares, Holden & Son, Alton Works, Bradford (second order).*
- 38 " *Admiralty (third order).*
- 39 " *South Eastern Railway (Charing Cross Station).*
- 40 " *Clock Tower, House of Parliament, Westminster.*
- 41 " *The Broadland Hemmell Mines, Ulverston.*
- 42 " *The Clyde Spinning Company, Glasgow.*
- 43 " *Corporation of the City of London, for lighting of Blackfriars Bridge, New Bridge Street, Leapside Church, Leapside Hall, St. Paul's Churchyard (North Side), and in Chancery (or King Street).*

IN THE UNITED STATES.

Rolling Mills, Iron and Steel Works, Machine Shops, &c.

- 32 Lights in Park Bros. & Co.'s Black Diamond Steel Works, Pittsburg, Pa.
 32 Brown, Russell & Co.'s Mills, Longtown, O.
 32 Putnam Iron Co.'s Mills, Putnam, Pa.
 12 Edgemoor Iron Co.'s Mills, Edgemoor, Del.
 12 Phoenix Iron Co.'s Mills, Phoenixville, Pa.
 9 Pennsylvania Steel Co.'s Mills, Baldwin Sta., Pa.
 9 Ohio Iron and Steel Company's Mills, Cleveland, O.
 18 Nathan Iron Co.'s Mills, Nathan, N. J.
 18 Norway Iron Co.'s Mills, South Boston, Mass.
 10 Day State Iron Co.'s Mills, South Boston, Mass.
 10 Phoenix Rolling Mill Co.'s Mills, Paterson, N. J.
 10 N. J. Iron and Steel Co.'s Mills, Trenton, N. J.
 8 Union Rolling Mill Co., Chicago, Ill.
 6 North Chicago Rolling Mill Co., Chicago, Ill.
 2 W. C. Allison & Co.'s Iron Works, Philadelphia, Pa.
 4 Washburn & Moen Manufacturing Co.'s Wire Mills, Worcester, Mass.
 6 Nine Tool Works, Hamilton, O.
 6 Union Iron Works, San Francisco, Cal.
 6 M. O. Bullock, Diamond Drill, Chicago, Ill.
 6 Standard Nut Co., Pittsburg, Pa.
 6 Pittsburgh Hinge Co., Pittsburgh, Pa.
 9 Falls River Co., Cuyahoga Falls, O.
 32 Albany & Ronck, Iron & Steel Co., Troy, N. Y.
 18 Montford, McClen & Co., Pittsburgh, Pa.
- Woolen, Cotton, Linen and Silk Factories.
 128 Thos. Dulan & Co., Woollen Mills, Philadelphia, Pa.
 30 Riverside Woollen Mills, Providence, R. I.
 108 Oswego Falls Woollen Mills, Fulton, N. Y.
 116 Atlantic Mills, Dover Goods, Providence, R. I.
 54 Amoskeag Manufacturing Co., Manchester, Cotton Goods, N. H.
 54 William Linn Co., Spool Cotton, Williamstown, Conn.
 30 Eagle & Phoenix Works, Columbus, Ga.
 30 Mississippi Mills, Vicksburg, Mississippi.
 18 Ohio Mills, Dover Goods, Cincinnati, R. I.
 30 Great Thread Company, Spool Cotton, Swanton, R. I.
 18 New Manufacturing Co., Wethersfield, R. I.
 6 Waterman and Mayer, Sewing Machine, W. Brookfield, Mass.
 18 Canby Iron Co., Northampton, Mass.
 18 Berlin Woollen Mills, Berlin, N. J.
 19 Columbia Mills, Taunton, Mass.
 5 Cohos Wap. Thread Co., Cohos, N. Y.
 72 Whitcomb Manufacturing Co., Taunton, Mass.
 18 Washburn Co., Providence, R. I.
 18 Burlington Woollen Mills, Winooski Falls, Vt.

Large Stores.

- 64 John Wetherbury, Broad St., Philadelphia, Pa.
 20 Duhan, Buckley & Co., Dry Goods, 343 Broadway, N. Y.
 20 Bates, Reed & Cooley, Dry Goods, 343 Broadway, N. Y.
 4 A. J. Sullivan & Co., Dry Goods, 68 North Street, N. Y.
 4 Loeber & Co., Dry Goods, Brooklyn, N. Y.
 6 Goodwin, Cutting House, Washington Street, Boston, Mass.

- 23 Lights—S. O. Davis & Co., Dry Goods, St. Louis, Mo.
 18 Winthrop, Hill & Co., Clothing Store, Chicago, Ill.
 6 Jerome Fur Store, Chicago, Ill.
 6 A. J. Walling & Co., Clothing, Brooklyn, N. Y.
 6 John Fane & Co.

Wholesale Grocers.

- 16 H. H. & E. R. Thibaut & Co., New York City.
 14 Francis H. Leggett & Co., New York City.
 17 Furka, Docka, Summer Resorts, &c., for Outdoor Use.
 10 Prospect Park, American Falls, Niagara Falls, N. Y.
 10 Chandanah S. S. Assembly, Fairport, N. Y.
 16 Mountaintop Park and Superior Street, Cleveland, O.
 16 Nantasket Beach, Boston Harbor, Boston, Mass.
 18 N. O. City Ry. Co., Gardens, New Orleans, La.
 18 Schwartz Iron, Gardens, New Orleans, La.
 18 Brighton Beach Hotel, Seaside Beach, Coney Island, N. Y.
 18 C. & N. Y. Ry. Co., Iron Ore Dock, Roanoke, Mich.
 17 Harbort of Montreal & Dock, Montreal, Mich.
 18 Atlantic Garden, Jersey, N. Y. City.
 18 Sea Beach Palace Hotel, Coney Island, N. Y.

Circuses.

- 13 Osgood Bailey & Co., London Circus, "On the road."
 9 W. V. Coler Circus, "On the road."
 4 John Robinson's Circus, "On the road."
 2 W. G. Gorge's Circus, "On the road."

Colleges, Churches, &c.

- 3 Franklin Institute, Philadelphia, Pa.
 2 Ohio Medical College, Cincinnati, O.
 1 Walsh College, Newfordsville, Ind.
 2 Baptist Church, North Green, N. J.

Hotels.

- 10 Palace Hotel, San Francisco, Cal.
 10 Baldwin Hotel, San Francisco, Cal.
 18 Grand Pacific Hotel, Chicago, Ill.
 18 Continental Hotel, Philadelphia, Pa.

Mines, Smelting Works, &c.

- 6 Monmouth Mining Co., Quakake Mine, Quakake, Mich.
 18 Monmouth Mining Co., Norway Mine, Vinton, Mich.
 18 Cleveland Iron Mining Company, Cleveland, Ind.
 4 Deer Creek Mine, near Sumnerville, Cal.
 10 Flint Creek Iron Co., Iron Mine, Flint Creek, Mo.
 2 Grant Point Mining and Smelting Co., Salt Lake City, Utah.
 2 Old Jordan Mining Co., Salt Lake City, Utah.
 4 North Bloomfield Mining Co., Nevada City, Nevada.

Steamers.

- 8 Steamer "Massachusetts," Providence Line, N. Y. City.
 6 "H. R. Springer," Mississippi River, Cincinnati, O.
 6 "Saver of California," Pacific Coast Line, San Francisco, Cal.
 2 "A. G. Gray," Gray's Iron Line, Pittsburgh, Pa.
 2 "Saver of California," Pacific Coast Line, San Francisco, Cal.
 2 Ash—Steamers, St. Louis, Mo.
 6 Steamer "S. H. Parrot," New Orleans.

Factories and Establishments of Various Kinds.

- 29 Lights—Baker Match Co., Match Factory, Akron, O.
 10 " Allen Bros., Paper Mill, Sandy Hill, N. Y.
 2 " Montague Paper Co., Paper Mill, Turner's Falls, Mass.
 10 " Stanley Mills and Lumber Co., New Britain, Conn.
 0 " Yarns and Airwood, Manufacturing Company, Thomaston, Conn.
 4 " Atlantic Petroleum Refining Co., Point Breeze, Philadelphia.
 1 " Hartford Steam Boiler Inspection Co., Philadelphia.
 22 " Chicago Times Building, Chicago, Ill.
 1 " Chicago and Alton Railway Bridge, Glasgow, Mo.
 19 " Capital Photo Glass Co., Capital City, St. Louis, Mo.
 16 " J. G. Kitchen, Philadelphia.
 19 " Ferry Road Co., Detroit, Mich.
 19 " Dover Stamping Co., Cambridge, Mass.
 3 " Olds & Lenz, Saw Mill, Anton, Minn.
 0 " Rogers & Copley Brewing Co., Philadelphia.
 18 " Michigan Central R. R. Co., Detroit, Mich.
- Rented Lights furnished from a Central Station.
 20 " California Electric Light Co., San Francisco, Cal.
 10 " Grand Rapids Electric Light and Power Co., Grand Rapids, Mich.
 4 " City of Wabash, on Court House Dam, Wabash, Ind.
 4 " City of Galesburg, Ill., Flanagan, Galesburg, Ill.
 10 " Detroit.
 192 " New York.

1880. Electric Pen (D-80-027)

This folder contains correspondence relating to the design and marketing of the electric pen. Other letters concern ownership of patent rights.

All the documents have been filmed.

I have written to Mr. W. in my self organized
association of necessary give and receive to
make it

object in advertising and
forcing the novelty upon
public attention -
I am now waiting
you is to enquire if you
are maintaining the idea of
repurchasing the patent.
I know that you have
a high opinion of the
plan and of a strong
organization could be
established in London
to work the sales in all
parts of the world good
results would follow.
I shall be willing to
let a portion of the money

Encl. to Mr. W.
anything to
date with
T. B. W.

W. B. W.
J. B. W.
No 1000
Thomas Alva Edison Esq.

Dear Sir,
I have been greatly
disappointed by the want of
appreciation of your Electric
Pen in this country. I am
quite convinced that it is
by far the best means of
duplication extant: but
the management of the
outfit requires more
skill than office affairs
are disposed to bestow.
But perhaps we should
have done better had we
spent more money at the

If you are going to pay any of the Edison's Patent Electric Light Co. of New York, please pay it to the Edison's Patent Electric Light Co. of New York, 370 Broadway, New York, N.Y.

Address
 GEORGE BLISS.
 Genl. Manager
 Chicago, *Apr 7 - 1888.*

A. A. Edison Esq.

Menlo Park, N. J.

Dear Sir:

As you think there is any use in keeping up the patent against the Electric Co. in Europe there is no protection and no business being done.

Can't you see some way to make the Co. from out in Europe.

Respectfully

Geo. H. Bliss

G.M.

LOCATION OF MINE:
SILVER CITY, UTAH,
In Third Mining District.

FINANCIAL OFFICE:
227 and 229 State St., Chicago Ill.

OFFICERS:
GEO. H. BLISS, President.
E. C. HODGE, Vice President.
J. M. WATSON, Treasurer.
J. M. STUBBS, Secretary.

CAPITAL \$1,000,000.00

ELMER RAY GOLD AND SILVER MINING COMPANY,

Silver City, Juab Co., Utah, Apr 30 1880

Mrs. A. Edison Esq
Mexico Park, N. J.

Dear Sir:

Your favor of the 17th has been forwarded to me here.

I have written Mr. Hollard and will advise you as soon as his answer is at hand.

Respectfully
Geo. H. Bliss

MANAGER & SECRETARY,
ARNOLD WHITE.

The Edison Telephone Company of London, Limited.
Ariston House, Cavendish,
Room 2715.

11, Queen Victoria Street, E.C.

My Dear Edison London May 3rd 1886.

No. the Day for the Electric
Pen has passed - Had it been
launched in a better
manner it could have
held its own - but there are
now a multitude of new
devices for transferring letters
ad lib. many of them very
simple & effective - & cheap
- It is too late to make any
headway with the E.P.
against a field borne of
its own seed

Yours Truly
Edison

OFFICE OF
Secretary of State.



ALBION FROST, Secretary.
W. E. WOODRUFF, Jr., Deputy.

Little Rock, Ark., Aug. 7th, 1880.

T. A. Edison, Esq.,

Menlo Park, N. J.

Dear Sir: I have just seen the Patent Office Official Gazette, of Aug. 3, 1880, and the allusion of your letter, no. 230,621, for an addressing Machine. - Here also letter, no. 224,064, dated Feb. 3, 1880, for an addressing Machine, and ~~two~~ looks to the "elou Ken" to me. - I shall wait till the published specifications appear, as I believe elou Ken is about his the perfect addressing machine. - I haven't much time or money to post around, especially when a man of your genius has his

mind's eye turned on ^{some} the ~~fact~~
fact, and feel disposed to quit
altogether! I have some wondrous
ideas, which I wish I could
afford to try - Couldnt you
afford to buy out a brother
draughtsman? and put the
thing through?

Truly & respectfully,

W. E. Woodruff, Jr.

There is a patent system
for the stencil principle as
applied to addressing men &
children. - My first idea was
to use stencils, when I went to work,
& until I learned the fact,
I can cite the letters if
you wish it.

OFFICE OF
Secretary of State.



JACOB PROSSER, Secretary.
W. B. WOODBURY, Jr., Deputy.

Little Rock, Ark., Aug. 7, 1880.

I am extremely glad to hear
that A. Edison, Esq.,
Menlo Park, N. J.,
Dr. Sir: A while ago I wrote
you about your addressing
machine. I have enclosed
it to give a further revela-
tion:

I have some ideas about a
method of printing, which developed
in your "mental work-shop," might
revolutionize the art of printing.
It would triple or quadruple the
rapidity of composition, make each
printer his own "foundry" without sub-
scribing to the cost of a foundry, except per
cent of output, cheapen the price of
newspapers & books 75 per cent,
enable every author to be his

own printer, or to print a
considerable number of cop-
ies of any work short or long,
if he desires to possess them
at small price.

(how many to work on)
The machinery need
not be more expensive or
intricate than a sewing ma-
chine.

And there is absolutely
nothing in its way, patented
or unprotected. - Like the
telegraph it would have the
whole world for a market
and field of usefulness.

I would like mightily
to talk to or write you about
it.

Truly & deeply,

W. Lloyd Garrison

I should have said the matter
when finished by computer, will
be ready for press

Dec 22nd 1841

EDISON'S
BLACK PINK PEN

Address
GEO. H. BLISS.
Genl. Manager

76 Market Street.

Chicago: Aug. 13. 1880

Mr. R. Edison Esq.
Marble Park, N. J.
Dear Sir:

I have returned
from a four month absence in
the mountains. In response to
your request I return to the C.
Eastern Pen in Europe and say
that you are at liberty to
make any disposition of it which
is desired so far as Mr. Holland
and my interest is concerned.
I hope to call upon you at
Marble Park soon.

Sincerely,
Yrs

Geo. H. Bliss
Genl. Manager

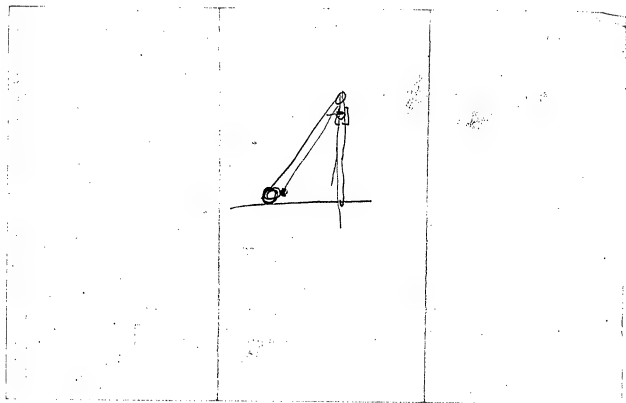
T. A. EDISON,

Menlo Park, N. J.

1880.

copy
Robert Hoe & Co. Nov 8. 1880
London *ME*

Allow me to introduce to
you Mr. Stanley Hoe
who has perfected an automatic
printing press which I think
will enable the Electro-
pen to find a good market among
job printers & newspaper
offices generally
throughout the country
~~you~~ If you can find time
to examine the working
of the pen & press I feel
certain that you can do
something with it
Yours truly
T. A. Edison



Mr. Lyman Childs
a receipt
Say that I have nothing to do
with the paper & present it is
in the hands of the W. C. M. F. of
Chicago
Cincinnati, Dec. 20, 1888
your obedient servant
Mr. Editor
Dear Sir,

We have had one of
your Electric Pens in use
in our High School for
some time, and are very
well satisfied with the work
done by it. I have in-
vented a way of running it
without the use of a battery
Persons who have tried
my way of running it, pre-
fer it to a battery for several
reasons. It is so small,
and there is no battery to re-
quire attention, but it is the

pen is always ready for
action and can be man-
aged by anyone. So, the weight
on the hand is little, if any,
more than an ordinary
pen. & the speed can be
regulated according to the
wish of the operator.

I have also a new press
which holds the paper more
firmly, and in such a
manner that it can be
tightened in a moment.
If it become in the
slightest degree loose.

My object in writing
is to know if any
arrangement might be
suggested, whereby each

could get some return for
his invention.

The great objections I have heard
stated against your pen, are
its dearthness and the
difficulty experienced in man-
aging the battery.

My arrangement is as
simple as that I believe they
can be made and sold
(at a profit) for about \$10 each.
Now, what royalty would you
be willing to accept, to allow
me the use of your invention
as far as the improving of the
paper to form the stencil, and
the use of the inked roller, are
concerned? Or, would
your pen be your right

completely? If so, what are your
terms? If the price were
brought down to the figure
I have assumed, I believe
thousands might be sold here
in Canada. Nearly every
teacher, lawyer, and business
man in the country would
then purchase when a very few
do so now.

Please address your
answer to

Lyman J. Smith
Classical Master of
Quebec High School
Quebec, P. Q., Canada
Quebec, P. Q., Canada
Quebec, P. Q., Canada

Mr. Edison
Menlo Park N. Y.

18
The Electric Lighting Co. Limited.

11, ABINGHAM LANE, MOORCROFT ST. E.C.

30/12/80

Dear Sir
I am desired by the
Directors to write & enquire whether
you know of anyone who would
purchase the English Patent rights in your
Electric pen? as they feel that so
valuable an invention cannot be
properly worked by a Company
as it can by an individual.
Awaiting the favor of your
reply I remain
Yours truly

J. P. Chapman Secy

No do not know
J. A. Edison Esq

You are on the opposite and signed
have written fully at the
ascertain

1880. Exhibitions - Paris Electrical Exhibition (D-80-028)

This folder contains one letter from George E. Gouraud, Edison's agent in London, regarding the Edison exhibit at the 1881 Paris Electrical Exhibition.

CHAS. JOHNSON,
"COURAGE, LONDON."

6, Lombard Street, E.C.
London, Dec 21 1880

J. A. Edison Esq,
Menlo Park,
New Jersey
U.S.A.

Dear Edison:

The Electrical Congress, Paris 1881

You have no doubt heard all about this in various scientific papers. It promises to be a great affair. Last Sunday I was waited upon by one of the Commissioners of the French Government with the particular request that all your electrical inventions should be represented, and I was begged to charge myself with this undertaking. Great stress is laid upon this matter. England will be there in great force. It is obviously desirable that this request be met in the most thorough manner. — I informed the Commissioners that it would certainly give me very great pleasure to communicate this invitation to you, but that I was unable to say what answer might be expected. I further stated that to make an exhibit of all your electrical inventions would necessarily involve a very considerable expense, and I ventured the opinion, not as presuming to quote your views, or in any wise with your authority,

2 But as my individual opinion that the recognition and encouragement which you received at the Paris International Exhibition, were not such as to be likely to make it a very great inducement to you to go to any material expense in connection with the business under consideration. I told him however that I should feel a very particular pride in seeing you represented, on this occasion, and that I would give the matter very full consideration. The Commissioner seeing that it was somewhat uncertain whether either you or I would take the matter up very heartily, intimated that I might expect an official communication from the French Government through the Chief Commissioner himself. I replied that such an invitation would be regarded as very flattering, and that it would undoubtedly receive all due consideration.

Now my dear fellow, this little bye-play of mine is all very well, and we may as well make ourselves "a little difficult," so as not to show too much eagerness, but it must be as obvious to your good self as it is to me that as this will be the first exhibition, exclusively electrical that has ever been held - any one that will attain a world wide prominence and having regard to the prominent position you hold in the profession, and the extensive value of your discoveries and inventions, - that not to be there in force would render the exhibition incomplete and most prejudicial inferences might thereby be drawn. Now I propose that we take time well by the fore-look, and do this matter up most thoroughly. I therefore

6
I beg you, immediately upon the receipt of this to make it the especial business of somebody, to get up in the best form, highly finished models of all or certainly all your principal electrical inventions with their latest development.

I cannot more impress upon you the importance I attach to this matter, than to offer ~~as~~ I hereby do - and most cordially - ~~that~~ you hesitate to meet the expense which my recommendation will involve, that I shall myself contribute one-half of the necessary expenditures, including the services of an able exponent of the practical operation of each invention. I naturally in this connection think of our friend Johnson, who would be pre-eminently the man, but failing him, anyone whom you shall together decide upon will be acceptable to me.

In this same connection it has been intimated to me that it would be extremely appropriate and desirable if I were to be appointed a member of the American Commission to this exhibition. This suggestion arises through my wide connection and identification with you in Europe and the further fact of my being an American residing in Europe. - I understand that this matter will be brought before the Government at Washington and I should be sorry that a suggestion of this character - not originating with myself should go the length of coming before the Government officials and fail in the end. Hence I would ask you as a particular favor that you will

I write an autograph letter to whomever the proper official at Washington is, stating that it is your intention to make a complete exhibit of your electrical inventions at the forthcoming Electrical Congress in Paris, and it would be peculiarly gratifying if, I, as your representative in Europe for many years, should be appointed a member of the American Commission. I need hardly point out to you that being a member of that commission will enable me to do infinitely more service in securing a proper recognition of your affairs than would any other circumstances. Daniel Morgan & Co. will no doubt be able to tell you to whom to address your letter with regard to my appointment on the Commission.

Yours sincerely

Chloroceryle

61-1035 received
March 10
with enclosed & long

1880. Menlo Park Laboratory - Incoming (D-80-029) [not filmed]

This folder contains correspondence, circulars, and price lists from suppliers of materials and equipment.

1880. Menlo Park Laboratory - Internal (D-80-030)

This folder contains internal communications among various members of the laboratory staff, including Edison.

Less than one percent of the documents have been filmed. Communications relating directly to the operation of the laboratory or concerning significant orders of supplies and equipment have been filmed. Communications dealing with routine orders and bills have not been filmed.

Order 50 lbs. of Sulphate
of Zinc LRU

Feb. 4. 1880,

ordered by Mott

W.C.

Feb 6-88

I notice the people
from down stairs
go thro' your papers
& take ^{from your drawers} stamps at their
pleasure - You ought
to lock your big up -

Griff

Ernst

Mr. Meath

Put a slip of
paper in the money
envelope of Fred Freeman
& write on it

Has need not to come
again until we call for
him

OK
Feb 14/88
K

Memo Park. Feb'y 19th. 1880.

Employees will treat Visitors courteously but under no circumstances will they leave their work or give information of any kind to visitors.

No information will be furnished except by myself or Messrs. Batchelor, Upton, Krusie and Garman.

You will regard this as a positive order.

Thomas A. Edison.

T. A. EDISON,

Menlo Park, N. J.,

1880.

Mr. Cassius T. ... to
Gen. W. B. ...

523 Chestnut Street

Philadelphia

I enclose herewith a letter of Jan. 31/4
to Mr. ... to Mr. ...
thereby a qualitative regular
for the dampers of the engine.
Heater as whether it can
give the constant attention
of the engine driver.
open or close the ...
valve or ...
any suggestions how it
could be done if there is
no automatic arrangement
in use. ...
this question will
George T. A. Edison

Mr. Mott
P. O. to P. Jewell & Sons
Hartford Conn

Mr. Edison decided
not to stop our shop,
untill all the machines
are ready so it will
take about 4 weeks yet
before we can start the
works on

10 April

Respectfully
J. P. K. S. S.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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THE message is an ~~URGENT~~ message and is delivered by request of the sender, under the conditions stated above.

A. R. DREWELL, Secy.

3
NORVIN GREEN, President.

Dated New York Nov 18 1880

Received of John Randolph

Post notice no pay

today
Griffin

55th 1220pm
mox

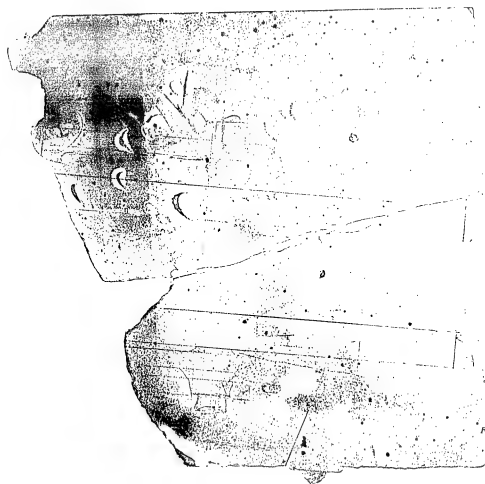
READ THE NOTICE AT THE TOP.

All men are required
to ~~fall~~ & keep their
in mind and to put down
their time as ~~usual~~ ^{usual}
Night to the proper
amount even Night

AK MB

Oct 21st

1880



1880. Menlo Park Laboratory - Outgoing (D-80-031) [not filmed]

This folder contains copies of telegrams and drafts of letters to various suppliers of materials and equipment.

1880. Mining - General (D-80-032)

This folder contains correspondence and other documents relating to the separation of ores and the application of electricity to mining operations.

All the documents have been filmed.

Boston Jan 27. 1888
C. H. Lewis Esq

Dr Sir

I Called at your Office To day
And found you gone. And I wrote
this to give you my address - So that
you will know where to send me
a Message, as soon as you have
been to Union Bank - Please let
me hear from you at the Earliest
Possible Moment - As you can control
the whole thing, if you find it in your
way - If you decide it is not in your
way - I shall Proceed immediately
Organize the "Boston Electrical
And I have Assurance, the
will be Subscribed for,

I have held back, so far
 from doing it; thinking the other
 way was the best for all con-
 cerned - so I await your decision
 By Telegraph

Wm. M. Finch

16 Harvard Race

Recd
 Dec 27/1880

Quercus alba

Quercus alba

Quercus alba

Quercus alba

Quercus alba

Quercus alba

One waiting
 Box

Dec 27/1880



POSTAL ADDRESS Brillington near Bridgeman.
EMPTY TRUCKS To Brillington Sidings.
TELEGRAMS To Brillington Station.

Severn Valley Colliery
Company, Ltd.

Brillingley
NEAR BRIDGEMAN.

March 12, 1900

England

Thomas A. Brown Esq.

Brillingley

Brillingley

Brillingley

Sir, I have read the account of your
invention as inserted in Spectator by Mr. Mann
afterwards I should like to say how far
your wonderful discovery may be applied to
practical purposes. The results and to
be achieved are such that they have proved
both of considerable value to arms of arms
especially when there are explosion power &
it seems to me (and I have often thought of
it in my own mind as to whether it was possible)
that the being able to have a light in the mine
which would being hermetically sealed up from
the atmosphere, prevent the possibility of explosion
and in the mine is a state of things having nothing

Something for mine
when glass can
not be used, the
mine will be efficient

REC'D. Brillingley, England
J. W. Brillingley
March 12, 1900

more to be desired in that respect. The next question is its adaptability & its putting into practice and its cost.

The pits are ^{each} a little short of 200 yards deep & what I want to know is.

① How I have an apparatus complete & what would be the total cost of its first outfit and after the first outfit how much per month or per annum - afterwards what would be the expense of renewals of materials &c

② How long would it be before it would be placed in position on the works

③ Should I have to give the order to you or would any English House do it & what is their address if so.

Yours reply will be much esteemed

Yours Very Respectfully
S. H. Dimbleby

Encl. Pa. March 30th 1880
Hos. A. Edison Esq.
Menlo Park, N. J.
Dear Sir,

As I first
proposed your investigations for
platinum on the Pacific coast in
connection with flour gold, would
it not be something like a just
recognition to let me into the new
operating company at Oroville Cal
as elsewhere, for a moderate amount
of stock on the ground floor?

I merely offer this as a
suggestion, and am, with all
due respects,

Yours Very Truly

W. B. Shipple

on NY April 1880
Wm Randelboch
a Apr 2

WILLIAM RANDEBROCK

Let him come
but not more than
one of Edison's
New York, April, 1st 80

Wm Randelboch

Dear Sir!

Referring to a
correspondence with you of
last summer and to a short
interview I had with you
at the time, I would
respectfully ask your permis-
sion to introduce to you,
in a gentleman of this City,
the proprietor of a small
electric and hydraulic mine
of California. He would
like to converse with you
on your new invention
concerning the treatment
of tailings, in which I
do myself take great in-

dearest. If you would have
the kindness to favor me
with an answer, whether my
request is agreeable and on
what day of say next week
we may call, you would certainly
be greatly obliged.

Yours very respectfully
E. M. Handbrock
P. O. B. 3337 N. Y.

No gold send another sample
Cleveland April 12th 1880

Dear Al.

I sent you several days ago a
little sample of black sand containing
Gold. did you receive it. And have you
tested it. If so, what was the result. Please
let me know - The party that had the
contract for 1/2 Interest has gone out to see
it.

Yours Truly

Ed Edison

D. R. SHAW,
BOARD OF TRADE BUILDING,
ROOM 12,

~~The latest no 3 with for sale~~
~~There is no~~
~~order made for the 1000~~
I've desired you for 3 M

Dear Sir
I just rec'd your letter of
12th inst. I will direct to have
samples of the plaques sent
you as soon as possible, as good as
my men get up the mountain
they are on the way now.

My checker and I do not
of the Edison Co. Milling Co.
for sale. If you want to
I may like to purchase
some.

Very Truly Yours

D. R. Shaw

P. Amos from L. H. Blair in my off. is
Co. a. a. said he knew you well.
Yours truly D. R. S.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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This message is an UNRECEIVED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. H. BREWER, Sec'y.

NORVIN GREEN, President.

Dated *New York* *Apr 27* 188 *0*

Received at

To *J. A. C. J. C. M. C. P.*
McIntosh Park

will it be convenient
for you tomorrow to
show me your process
for working tracings

W. C. J. C.

is paid Fleming

process not in condition

~~We do not show~~

READ THE NOTICE AT THE TOP.

over pr.

E. T. COPELAND,

Sole manufacturer of the ALDEN PATENT ORE CRUSHER and PULVERIZER.

General agent NEW YORK SAFETY STEAM POWER CO. (vertical engines.)

New York agent EWART MFG. CO. (Ewart's detachable link drive chain.)

30 Cortlandt Street,

New York.

April 29/80

T. H. Edison Esq.
Menlo Park,
N.J.

Dear Sir

600 My 15A
7-10-80
Your favor of yesterday
is to hand with order for one of the
No 10, Alden ore crusher; I have none
on hand just now but am now making
up some of this size & will be able
to send one to you by or before the
middle of next week; hoping this will
answer your purpose I am

Yours Very Respectly
E. T. Copeland
per Taylor

Jersey City 3
Thos Edison

May 3. 80

Should I come out
about 3 o'clock today
Could you put through
your process some mineral
Earth supposed to contain
Gold please ans.

Wm Ettinger

Wm Ettinger Jersey City N.J.

May 3. 80

but work on small quantities
that will assay it for you in
the regular way

Edison

AH:

9:20 AM
E-AJ

148 Broadway

May 8 1882

Prof S. I. Edison

Dear Sir

Would you
kindly inform me what
day this week you will
be in this city as I desire
to see you in regard to your
process of separating the
gold from the tailings

Yours
Geo. E. Smith

~~Notbury~~
no gold in sample
of the morning west until night
Cleveland ^{May} 8th 1880
Exhibition taking place

Dear Al-

Letter of 6th inst. is just recd. and
am surprised that there was ~~no~~ gold in the
sample I sent you. There was some kind of
mineral in it - what or what if not gold.

I send you today another small sample
of Black sand. Taken from the deposit
by a friend that is reliable. And would
like to have you test it and report as soon
as possible. Try and get at the field in Ten

Do you know about what time you are
coming West. I hope you will stop in your
way - and let me know about the time you will

Yours Truly

St. John

25/10/80

Grand Central Hotel.

Have you a descriptive circular
D. A. GAGE & CO.

of your operations
Denver, Colo., May 24-1880.

Thos. Edison
Menlo Park N.J.

Dear Sir,

I observe from the
Newspapers that you have a new process
of saving gold from tailings, and that
the coarse gravel, boulders &c must first
be screened out. If your process is a suc-
cess, as seems to be that opinion, you will, I
think find my "Dry Placer Gold Separator"
patented Jan 28th 1879 of invaluable ser-
vice to you. It thoroughly and rapidly wash-
es the dirt, separating the tailings into
coarse and fine and, using a very small
quantity of water, saves at least 90% per cent,
of the gold without the use of quicksilver
or chemicals of any kind. The tailings from
my machine would probably not be very
valuable to you, but the machine
would be of great service in concen-

Received De May 31 1880
D. A. GAGE & CO.
66 Queen St

trailing from the ordinary sluice in which there usually is a large amount of gold, I do not understand your process, but possibly it could be used in some way in connection with my machine and an advantage gained for all parties. My machine is the result of four years' experimentation on the mine and I do not hesitate to say that it is the only practical invention of the kind ever made.

It is simple, cheap, substantial and quite portable. It may be made either as a hand or power machine. A hand machine with ^{most of which can take up, if necessary,} an $1\frac{1}{2}$ to 2 inches of water, will dress from 12 to 15 cu yds of dirt in 10 hours and practically save all the gold (pay 25 per ct) without the use of quicksilver. Nuggets are all cared for, when they "turn up." A power machine may be made of large capacity. The machine has been thoroughly tested and a number will be running in Colorado this season. Your process in no manner interferes with my machine, but I think they may be made mutually advantageous to each other. I call your attention to it for the reason that a number of persons, who have great faith in your process, have spoken to me about your need of a good washer that would screen and concentrate the dirt. Hoping to hear from you soon.

Yours truly, J. H. Wilhelm, P. O. Box 2549, Denver

Denver, Colo., June 7th 1880.

J. A. Edison, Esq.

Dear Sir,

file

Yours of the 1st is at hand. I have as yet issued no description circular, but inclose you a rough sketch. As soon as I get a re-issue of my patent will have copies of patent on hand. I am expecting parties from the East in a few days with machines to be worked this season in Colorado. They most thoroughly tested it last year. I have at present only a small model on exhibition in Denver.

F. S. Dellenbaugh, an artist at Boston Theatre Building W. 17. has worked the machine on the mine with me and could give you much information about it. Encouragement call on him.

I will briefly state the machine answers the following conditions of mines:
1. Where there is a scarcity of water-
(over)

a sufficient supply may be obtained from a spring or a well and the water frequently re-used.

2nd. Where the ground is so flat as not to afford sufficient inclination for the ordinary sluice. The machine creates its own dump.

3rd. Where the gold is of such a character as not to be readily saved, or saved at all by the ordinary processes.

I have an admirable arrangement for amalgamating, but practically I never use it, as I can save at least 75 percent of all the gold, fine, flake, float, crumb and nuggets without the use of quick. I speak not of what I think I can do but what I have done.

The machine is very cheap, light, substantial and gives general satisfaction.

The best reference I can give is the machine at work. As yet it has not been described, a few notices only having been made of it. A hand machine will

Genesee, Cal.,²

1880.

dress from 12 to 15 cubic yds in 10 hours
or 1 day. A power machine (pay 1½ hrs)
50 cu yds - a larger machine 100, or
more cu yds. Even a power machine
can be easily moved in advance of
the tailing.

There are a great many difficulties
to overcome on a placer mine - as mines
of this kind vary so much in their
conditions, but after over four years
experimenting I have succeeded in
making a practical machine. A ma-
chine may raise all the gold sand out
be practicable.

As I suggested in my former letter,
possibly my machine may be
made to work to advantage in
connection with your process. If
you think so I will be pleased
to confer with you further on

the subject. If not, it will at least
benefit you indirectly by creating
dumps for you - provided you can
find enough in the tailings from
my machine to make such dumps
profitable. You will find but
little, if any, visible gold in them.

The material is shoveled into the hopper
g, is thoroughly washed in the basin d,
is further washed in the screen e. The
coarse gravel, much of the fine and all
the boulders (hand machine will handle boulders
6 to 8 inch in dia.) are thrown over a panctor
outside of the sluice. The sluice, (quite
new) is especially adapted to the re-
volving cylinder, consisting of a basin
d and screen e. I use so little water
it does not wash away the fine gold,
which is separated from everything that
causes it to float off and is submerged
when thrown into the sluice -

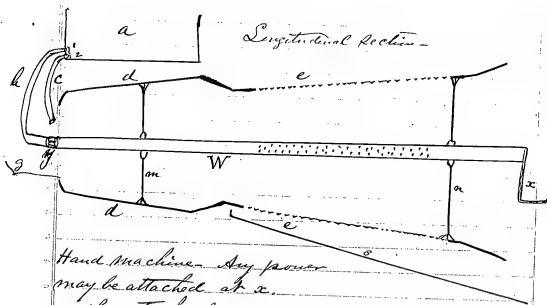
Hoping to hear from you soon

I am Yours Truly

P.O. box 2549

J. H. Wilhelm
Denver, Colo.

[ENCLOSURE]



Hand Machine. Any power may be attached at x.

a. Show Tank. It stands on frame (not shown) above machine - 1. 2. show faucet, c. show rubber hose to let water into water tight basin d. e. show hose to introduce water into hollow perforated arbor W. g. stuffing box - m, n supports - c. Screen - s. sluice - Interior arrangement of rods, dashers, worm &c not shown - as I cannot draw them correctly.

Mexican Gold and Silver Mining Company.

SUPERINTENDENT'S OFFICE.

Virginia, Nev. Jan. 8th 1884

Phil A. Edison

Sir

In the course of your
numerous duties - could you find time to
inform me as to present condition of your
researches in the application of Electricity -
to the conveyance of power - for instance
the generating of the Electricity - by water power
- conveyance of the same to any distance and
its utilization by transformation into power again
- also what loss is sustained during the trans-
mission -

Yours truly

M. H. Weston

We have my system of transferring power
perfected, ~~it is~~ I have an Electrical
Railway in operation here $3\frac{1}{4}$ miles long
20 hp supplied gives $13\frac{1}{2}$ hp available
at the extreme end - Roughly

Speaking if it was desired
to translate ~~700~~ ¹⁰⁰⁰ hp. in to
Virginia City from the Carson
River say 6 miles there would
have to be applied to the appal
at Carson River, 1000' if there
was no loss on the conductor but
this loss may be great or little
according to the money invested in
the Copper Conductor, I have not
figured it but would say guess
~~about 1000' when the interest in the use of~~
~~conducting plant, perhaps 80~~
hp. would be useless although
exact estimate can be made
this would call for 1080 hp
giving 700 hp. available for
use in one or 100 places in Virginia
City. ^{without taking account} ~~losses by submergence~~
^{carrying 12000 hp from Reno to Virginia, is a perfectly practical scheme so}
~~would pay for~~ ^{would pay for} yourself

of Virginia power co
W. K. Lister
of Carson

E. T. COPELAND.

Sole manufacturer of the ALDEN PATENT ORE CRUSHER and PULVERIZER.
General agent NEW YORK SAFETY STEAM POWER CO. (vertical engines)
New York agent EWART MFG. CO. (Ewart's detachable link drive chain.)

20 Cortlandt Street,
New York.

June 10/80

T. A. Edison Esq

Dear Sir

If you are
pleased with the operation of
the #10 Alden Crusher — will
you write a few words
expressing your views as to its
usefulness, for "publication" in
the columns of the Mining Record
in season for use with work?

Yours

Respy Yrs

E. T. Copeland

Say have used your Smallest
Crusher & find it works

admirably — Say no more

Union Consolidated Silver Mining Co.

SUPERINTENDENT'S OFFICE.

Virginia, Nov. July 7th 1880

J. A. Edison Esq.
D.C.

Your favor of June 29th is at hand and contents noted - The position to be solved and the conditions involved in our case is as follows -

We are rapidly approaching ^{critical} a point in the construction of 3000 feet - beyond which point it will be difficult to carry the necessary power to drive our fans and do our hoisting -

Compressed air is objectionable on ac of the low percentage of labor and its consumption of power - The Hydraulic system is objectionable on ac of its waste of energy and the immense pressure involved - Electrically generated by Dynam. Electric machines would run to be most likely to fill the bill - provided you can accom-

Union Consolidated Silver Mining Co.

SUPERINTENDENT'S OFFICE.

#2

Virginia, Nov. 1897

- please what you claim -

In order to test the system practically, it would be necessary to put it to work in a mine - either at pumping or hoisting - If your company is disposed to take any steps towards such a test - the companies which I represent will do all ~~the~~ their power to assist - should you feel disposed to entertain any thing of the kind please send me a description of the machine necessary to use and any information you may give regarding them - and the matter will receive immediate attention at my hands

Yours truly
W. S. Patton

T. A. EDISON

Envelope address

W. H. Patton Esq

Asst. U.S. Consul Genl. Virginia City, Nevada

Menlo Park, N. J.

1880.

W. H. Patton Esq

Recd Copy

Dear Sir would be

I suppose your intention is to pass the present pump rods & tanks down to the 3000 foot level and then to stop and and further pumping to be done by magnets. We have no data here to make calculations on. But suppose that after the 3000 foot level a ~~few~~ magnets of 60 hp. would be sufficient for every 250 further than 3000. Our Generator consists of a Porter Allen Engine, cylinder 19 x 10, steam jacketed piston rod connected directly to Magnets. The Engine makes 600 Revolutions per minute. ^{non condensing} Steam pressure 120 lbs.

The 60 hp ^{at the pump} will give ^{advisory} quantity of 1 hp for every 3 ¹/₂ lbs coal. The Engine doesn't give a hp. for 2.65 ¹⁰⁰ of coal. ~~but~~

T. A. EDISON,

Menlo Park, N. J., 1880.

2

The extra consumption from $2\frac{65}{100}$ to $3\frac{1}{2}$ ~~into~~ covers the losses due to converting friction etc, but not the friction etc of the pumping mechanism worked by the Magneto, below.

As for hoisting. I suppose you would establish a station at the 3000 foot level with a smaller copy of the hoisting machine above and transfer men & ore at the 3000 foot station. ~~How~~ If you do this you might use say a 100 hp Magneto with the hoisting apparatus at first and gradually add to the number as greater depths was reached, the Magneto(s) could be coupled on easily as you require more power from time to time, $\frac{60}{30}$

T. A. EDISON,

Menlo Park, N. J., _____ 1880.

3

The space occupied by a 60 hp. Magneto
is about $8 \times 6 \times 3$ - The Engine & Magneto
converts 8×9 by 3 - The Bottom of the
Magneto acts as a fly wheel.
Could you give us a little data
~~of what you~~ regarding your mines
such as Maps etc.

Yours Truly

T. A. Edison

P.S. I have nearly finished
a Diamond Drill Worked by 2
Magneto direct -

TAE

Handwritten
Postmark

Edison to Mr. Patton
Virginia City

July 21, 80

Copy in letter book

Union Consolidated Silver Mining Co.

SUPERINTENDENT'S OFFICE.

Virginia, Nov. July 27th 1880

T. A. Edison Esq

Dear Sir

Your favor of the 28th is at hand - Your idea is correct in respect to applying the magnetic machine from the 3400 foot level - and I draw your attention to the following conditions under which they would have to work -

1st Heat - The temperature ranging from 100° to 130° Fahrenheit and the air being highly charged with moisture - would thus affect the insulation and reduce the effectiveness of machines;

2nd our pumps are from 6 to 12 strokes per minute - would it not be difficult to reduce speed from 600 without loss - in the application to winding this difficulty would not be so serious -

3rd our pumps stations are usually 200 ft

No we should take precat

Union Consolidated Silver Mining Co.

SUPERINTENDENT'S OFFICE.

#2

Virginia, Nov. 187

apart - can the current of electricity be divided so as to run say 5 pumps from one generator - or must there be a generator for each engine? in our case it would be necessary to place the generator on the surface and be able to divide the current - conducting it to the different points where required - is the direction and division of the current fully under control?

Q^{RE} is there any thing to regulate the generation of the electricity under a varying demand - that is - in case the generator was producing 60 HP and ^{the requirement of} one half should be shut off by the stoppage of the hoisting - is there a storage for the accumulation - or is it lost?

A^{RE} our pumps and hoisting engines underground are sometimes submerged - as I understand it - the engines would lose their insulation

Union Consolidated Silver Mining Co.

SUPERINTENDENT'S OFFICE.

#3

Virginia, Nov. _____ 1897

If under water - in case of pumping it ~~is~~
would be
necessary to work them under water

The general proposition is to be
able to sink our shafts and pump our
water from ^{below} the 3000 level up to the
surface - the present plant letting care
of the existing and pumping from the
3000 level to the surface - conveying
the power generated at the surface to
the points required in such a way as to
lose as little as possible in efficiency
- the power to be reliable and under perfect
control - If you can get the 76 for your
claims and operate the machines under
the conditions stated above - the system will
succeed - Should you desire to go further
in the matter please answer as soon as
convenient

Yours truly

W. S. D. Thomas

OFFICE - New York Aug 20
New York Emery Co.,

W. B. HOYT
General Agent
191 Fulton Street,

New York Aug 20 1889

P. A. Edison Esq
Manh. Park, N. Y.

Dear Sir: Over

Since my return from
your place, the N. Y. Co. has
particularly desire to show you
of your Repetition built for this
use. We think enough to inform
us immediately the price of
various sizes and give capacity
of each machine for the
smallest to the like you
had in the process of location
which I believe could work
250 Tons per day. And any other
points regarding the building
of your machine send us
Complacitly R. C. and Co

Very much obliged
Yours truly,
W. B. HOYT
General Agent
after

We shall have to wait
until we furnish our
large machine before
can give prices - we
shall give the actual cost
price, charging for our
royalty a few cents per
ton passed through.
I should like to know

the Capacity you require,
the large one runs 150 tons
per day perfectly, but perhaps
250 could be put through
to suit your purpose -

T. A. EDISON,

This was copied by
J. C. Morrison and signed by
Menlo Park, N. J., 1880.Edison Aug 9, 1880. Recd J.
signed the letter Aug 7.C. H. Patton All letters Book Thordar
Dear Sir

Regarding Heat and moisture there will be
no difficulty as our bobbins can be thoroughly
ventilated.

~~Regarding~~ ^{Translating} The Reduction of a high speed
Dynamo 600 Revolution per minute to
Mechanism which would serve to give
low speed reciprocating, ~~600~~ per minute
Gallies I was at first as we could think
of no device except a worm & worm wheel
which through which about 25 to 35 pc
of power is lost. But we now have a
device by which the Dynamo may run
600 per minute while the pumping
mechanism shall work out 12
per second. The result by Mechanism
which has only the friction due to
a couple of ~~shaft~~ ^{spindles} so we

T. A. EDISON,

(2)

Menlo Park, N. J.,

1880.

shall have no difficulty here, with

We find that the Dynamo can be placed
in a box with a shaft protruding
through a shifting box with a small
bilge pump inside worked by the
Dynamo to pump out leakage
water.

There are two plans which can be
adopted for working the Dynamos
say at the 3000 feet level you
establish a station the same as
on the surface 500 or 1000 hp
can be transferred from the surface
to the 3000 foot station and there
reproduced working the hoisting
machinery as on top and you
could from that station start
another pump road etc.

obviates the necessity of putting any Dynamos at intervals below the 3000 foot level in other words you can duplicate the surface station at the 3000 foot level either with a small or large plant. The dynamo method ~~works~~ is an especially convenient one when increased power is desired. When you go lower & lower ~~so~~ you can add dynamos to the pumping & hoisting shafts as required.

The other plan would be to place the hoisting dynamos ~~at~~ ^{on} the 3000 foot level and put a dynamo & pump combined every 200 feet downward one pumping into the tank of the other.

The action of a dynamo machine is exactly analogous & similar to that of an ~~ambulance~~ ^{electric} engine, with an automatic variable cut off ~~governor~~.
 Supposing that you desired to ~~have~~ ^{have} on the 3000 foot level ~~now~~ ^{on} a base of 9 feet long & 8 broad is placed an engine & dynamo combined as one mechanism. The pitman rod of the engine is connected to the shaft of the dynamo. The bobbin of which acts as a fly wheel. The engine (for Allen) makes 600 revolutions per minute. When ~~no~~ ^{the} ~~water~~ ^{dynamo} is connected with this combination, the engine of course cuts off at almost nothing, and all the power lost is that due to the friction of the engine, the dynamo

friction of the jumping mechanism.

If one of the jumping Dynamos showed suddenly have to do work the work itself creates conditions which causes power to be drawn from the other Dynamos & the first off would be at a later period in the stroke. While the other jumping dynamos doing no work would not draw on the Engine although both were on the same wire,

The whole thing in a nutshell is that we turn ~~mass~~ ^{electric} motion of the atoms into Molecular motion (Electricity) and then back into Mass motion. (Rotation of Dynamos) and in so doing we of course lose by the necessary friction of the translating mechanism but we have the great advantage

T. A. EDISON,

Menlo Park, N. J., 1880.

that while it might be commercially & mechanically impractical to give a mass movement to a large wire rope 10 miles long to convey power & reproduce it at the distance, it is perfectly possible commercially & mechanically to ~~substitute~~ ^{substitute} in place of a movement of the whole mass of a metallic rope 10 miles long a movement of its molecules throughout the ten miles. The larger the wire or rod the worse it would be for transmission by moving the whole mass while, the larger it is the easier ~~becomes~~ ^{it becomes} to transmit by the ~~movement~~ ^{movement} of the molecules;

Menlo Park, N. J., 1880.

The losses even at ^{comparably} short distances between transmitting a given power by the movement of a wire rope or the slipping of the rope & the translation of the power into electricity & passing it through the rope are not widely apart. ~~It is possible that the loss of electricity by molecular transmission is a power loss~~ times beyond the breaking strain of the wire conveying it if the same were to be used to convey by its movement an equally horizontally,

The electrical system as developed here is very reliable and does not require an "Electrician" to work the system, but can be attended to by any lay Steam Engineer or fireman

T. A. EDISON,

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Menlo Park, N. J., 1880.

Our 120 hp Dynamo & Engine Combined ~~will~~ will deliver 120 hp at the 3000 foot level for $3\frac{1}{2}$ to $3\frac{3}{4}$ lbs of Coal per hp per hour for the 100. This amount of coal making up all losses.

~~Though~~ I will give you a rough Calculation of Generating & Reproducing 1000 hp. at the 3000 foot level. based on actual costs no royalties & ~~taxes~~

Ninety Seven thousand dollars.

The estimate does not include boilers as you have ^{probably} extra capacity - or freight on apparatus from N. York, or labor of setting up.
Depreciation of ^{Steam} Dynamo, never more than 3 p.c. on Dynamo at lower level with pump mechanism Depreciation about 2 p.c.

Menlo Park, N. J., 1880.

The Cost will be reduced into nearly exact proportion ~~if you would know~~ to the horsepower needed less than one thousand hp.

This price ~~would~~ ^{will} probably scare you out of the nation, but if you take into consideration the fact that you can deliver this power easily & reliably, add & take from it from time to time, get each hp for $3\frac{1}{2}$ to $1\frac{1}{2}$ lbs ~~per~~ ^{or used to equivalent} coal per hour per hp delivered ~~as~~ the small depreciation, etc I think you will find it to be the cheapest & most reliable method that is known

I should like to ask a few questions

12
What size Pumps, of what construction and how many in station for 200 ft. lift are used at present at the Mine & their capacity?
What improvements are desirable?
How much Water per min. is to be raised 200 ft. high?
What size and kind of Pipes used?
What Space at Station occupied at present for Pumps and tank or reservoir?
What Space can be given to ~~hydraulic~~ ^{electric} Dynamo-Motors to move machinery to operate Pumps directly or for a series of Pumps below?
Would any special ^{vertical} Rotary Pumps work to satisfaction?
What are the sizes and specialties of Pumps ~~used~~ ^{used} at the Mine, ~~and~~ ^{and} that the engine above ~~now~~ ^{now} operated all Pumps to the 300 ft. level.

Could you send us any old drawings etc of your mine or any mine as this we can get into the region of expertise regarding your machinery?
Sincerely,
T. A. Edison

Virginia New Aug 20 - 1880
J. A. Edison Esq
Mails. Park

Dear Sir

Your last communication dated
the 7th inst came duly to hand, and
I hasten to reply. I send you with
this a tracing of the pit road of the
S. M. M. & W. Shaft (Sierra Nevada Mexican
and Union Joint Shaft) which altho not
absolutely correct will give you a general
idea of the system we have adopted on
the Cornstock as the best suited to our
condition for the depth we can go with
our pump rods. These pumps are driven
by a compound inverted beam condensing
Engine - and are giving a duty of 86
millions pounds of water raised one
foot with 100 lbs of coal or its equivalent
in mod. pumping from a depth of

2500 feet, discharging into the Sutro Tunnel at a depth of 1400 feet below the surface. The pump rods are of Oregon pine 16 inches square. The pumps are plungers 14" dia by 10 foot stroke, placed in pairs - at intervals varying from 200 to 250 feet. Each pair of pumps discharging into a tank from which the next pair takes the water.

The balance bars are placed at intervals of about 300 feet. This pumping system although cumbersome and expensive has proved to be the best and most economical up to the depth we have gone. The depth will be controlled by 1st The ability of a rod to carry its own weight and do the work required of it. When suspended from its top end. 2nd the fact that as its weight increases by additions to its length the speed that it can be run is reduced.

A part of the duty of the balance bar is to carry a portion of the weight of the rods thereby relieving the top end

2

of weight to that extent.

The weight of the balance bob adds to the weight of the mass in motion and reduces the speed at which the pumps can be run with safety.

This fact calls for larger pumps to do the same work which ~~also~~ increases the weight of the moving parts.

From this explanation you will see that we shall at some time reach a depth below which it will be impossible to go with our present system - and it is with this fact in view that I am investigating other modes of transmission of power. In our existing system we use large direct-acting double engines with bels carrying 4000 feet of flat wire rope. In this case we are only limited in the depth attained to the strength of rope required to carry its own weight and the load put upon it. As depth is attained however the wear of the rope increases and a relay would be desirable say at about 2000 feet.

The above description applies to our main shaft work. In addition to that we are sinking mines in different parts of the mine at a distance from the main workings, and also running blowing Engines for artificial ventilation in places where our natural ventilation does not reach. The place hoisting Engines on the mines of about 20 HP - our blowing Engines are 6 HP - and drive them with air compressors on the surface. are your magnets proportioned to the amount of work required of them or would it be necessary to place a 100 HP Magnet to do only 6 or 20 HP?

Again - For pumping or blowing where the work is constant the magnets would run all right, but in hoisting where the work is intermittent and where it is absolutely necessary to start slowly, without jerks, and stop slowly, how would you control the machine? Would you let the magnet run constantly and drive the reel by friction gear, or would you start and

Stop the Magnets when required, driving the reel by spur gearing.

In the case of magne reeling friction gear might answer, but in the main shaft work, when great depths would be required, it would require a spur gear drive, and the magnets would have to start and stop with the ~~reel~~ ^{mote}. If you can overcome the above mentioned difficulty I think that your system of transmitting power will be successful in our mines on the Cornetree, and would suggest that a trial be made on a small scale say by creating a 100 H. generator and applying it to drive a magne hoist or fan, or a number of them. In case the trial was satisfactory we could extend its application - the experience gained assisting us as we progressed. In case of a successful result the water of the Snake River might be utilized to work our mines. A company formed for the purpose would be able to furnish the power cheaper than we get it at present, our best

Steam Engines now furnish a HP per day
for about 50 cents. - Should your Company
desire to make a practical test of the
system as applied to deep mining as per
the suggestion made above, I would give
them all facilities for doing so. In an
article on the dynamo Electric current
in the Fraughts ^{Eng} Journal for August
page 114. it states that when the motion
of the receiving machine is small, its
potential force is at its maximum &c

Does this mean that when the speed
of the magnets is, say, $\frac{1}{2}$ of the dynamo
it is exerting more power than when
the speed is the same as the dynamo ⁴⁰⁰?

If this is the case will the speed of the
dynamo be the same when it is doing
work as when it is doing no work

In the same article it states that the
most power is transmitted when the speed of
the magnets is $\frac{2}{3}$ of the dynamo - in
which case about 50 per cent of the
current generated would be realized.

If that assertion is correct the speed

#

of the magnets in your case would be only
400 revolutions - and save much reduction
in speed in driving our pumps and hoists.

Please send me a sketch of your device
for reducing speed. It might be better
for us to have a personal interview and
consultation, correspondence being slow
and generally unsatisfactory. Should you
desire it I might make a flying trip
East. Write me your views on the
matter

Yours truly
W. S. Parsons

PRESIDENT,
HON. BENJAMIN A. VAIL.

VICE-PRESIDENT,
CHARLES S. CAPRON.

SECRETARY,
JOHN WEAVER.

REPORT OF THE SAN JUAN AND NEW JERSEY DISCOVERY AND MINING COMPANY.

This company is incorporated under the laws of the State of New Jersey, for the purpose of acquiring, by a systematic use of experienced miners and engineers, such mining properties as the company may consider desirable to hold, either for sale or for development.

The capital stock of the company is \$1,000,000, divided into 100,000 shares of ten dollars each. The shares are full paid and non-assessable. Twenty-five thousand shares of the capital stock are placed in the treasury for working capital.

When the company was organized in April last, it was not the intention of the directors to develop any of its mines at first, but simply to acquire them, and this was so stated in the prospectus then issued. Such, however, has been the success of its able prospecting staff, in the acquisition of very valuable mining property, and so greatly have the facilities for marketing the ore increased in the last few months, that it is now considered that the interests of the company will be best subserved by at once proceeding to develop one or more of its mines, with a view of selling some of their immense deposits of mineral, for the benefit of the treasury and the gratification of the stockholders.

As stated in the prospectus referred to above, the company commenced by purchasing six silver mines entire, a half interest in four more, a fine mill site and a water right, all in the San Juan district of Colorado.

The efforts of the prospecting staff have so increased the company's possessions that it now owns THIRTY-NINE MINING CLAIMS ENTIRE, a one-half interest in TEN MORE, and three of the finest mill sites in the whole San Juan country.

Considerable work has been done this season on the company's "Western Belle" Mine, and with every ten feet of drifting in the tunnel the vein has increased in width and richness. The pay-streak is of grey copper and brittle silver, and is ten times its width when first uncovered. The gradual manner in which the whole vein has widened out with development is very gratifying to all interested, as indicating a permanent yield of silver ore, of both medium and rich grade, in great abundance.

For the purpose of deciding upon a future plan of action the directors recently sent the secretary, Mr. John Weaver, to Colorado to examine the property of the company, and to consult with practical and experienced parties about the advisability of proceeding forthwith to develop a mine, and which mine to develop first, if any.

Owing to the position of the "Western Belle," it being on the side of Mineral Mountain, it can be worked by tunnelling, thus avoiding the expenses of pumping and hoisting, which have to be done when a shaft is sunk from level ground. Another advantage is, the mouth of the tunnel where the work is now being done on the mine, is only about 150 feet from the line of the new wagon road now being rapidly built. This road will enable the men to transport the ore to the

smelters at much less expense than if they had to depend upon the only other means of conveyance, namely, by packing on the backs of mules, or burros, down the mountain trails. Again! near to this mine the company owns a fine mill site, upon which, some time later, it may be advisable to erect smelting works, so that the company can manipulate its own minerals, and for that matter the minerals of other owners also, which will materially help to swell the earnings of the company.

These facts, combined with the character and quantity of ore contained in that mine, justify, the directors think, their decision to at once proceed to develop its resources.

When the company organized, the services of Mr. James A. Drummond were secured, under a three years' contract, which dates from April, 1880. Mr. Drummond being a practical miner and prospector of many years experience in Colorado and the territories.

Arrangements were then made to send out, also, other experienced prospectors, under his supervision, into the districts around the Dolores and San Juan, with instructions to locate and secure for the company desirable silver and gold lodes, carbonates, coal lands, placer claims and other valuable properties appertaining to mining.

Judicious management of the company's affairs have produced the foregoing satisfactory results, at a comparatively small outlay of money. The fact being that the company's possessions have increased in the short space of six months about FIVE HUNDRED PER CENT. in value and quantity, which is probably unprecedented in the history of mining companies, and this without increasing its capitalization, drawing upon its treasury reserve, or making any demand upon the stockholders. The latter cannot be done under any circumstances, as all its stock is full paid and unassessable.

In reference to the mines of the company which are not being developed, all the work necessary to be done under the law, for one year to come, has been done, and no more work is necessary upon any of them before the latter end of next year.

It will be for the company to decide hereafter whether any of them shall be sold or not. To retain them will not make any great annual demand upon its treasury, and at the same time the company will own an enormous amount of the best kind of silver mining property.

The mines are located in several districts. The majority of them are on true fissure veins. A few are carbonate lodes. No placer claims have been taken up. Probably next year the staff may succeed in locating placer claims, but they have discontinued prospecting for this year, in order to push development on the "Western Belle" Mine.

Upon this property a comfortable cabin, a store-house and a blacksmith-shop have been built; a dumping-car and car-track have been furnished, and supplies, tools, etc., have been laid in for a winter's work.

Some of the same appliances would be available for working the "Jersey State" Mine, should the company hereafter decide to develop it, as its opening is only about 1500 feet from the "Western Belle" tunnel.

September 30, 1880.

OFFICES:

NEW YORK:
SMITH BUILDING, CORTLANDT STREET,
Room 30.

NEW JERSEY:
EXCHANGE BUILDING, RAHWAY,
Room 2.



POSTAL ADDRESS: Wilkingley near Bridgnorth.
 EMPTY TRUCKS: To Wilkingley Sidings.
 TELEGRAMS: To Highley Station.

get to light 10 candles each
 you to - there is not a candle
 any light up many will be lit
 will be ready to be exposed
 notices in shop & mine

Severn Valley Colliery
 Company, Ltd.

Bridgnorth.
 NEAR BRIDGNORTH.

Oct 5th 1880

J. A. Brown Esq.

Electrician

Meals Park

N.T. America.

Dear Sir,

Referring to your letter of month
 31st in answer to mine respecting the electric
 light for mines I should be glad to know if
 you can supply such light or material for
 such light as would be suitable for mines
 of a gaseous nature such the cost would be.
 If possible to supply all the paraphernalia
 requisite for putting the work into operation please
 you could supply such as would enable me to
 put the work finished here.

If the light (12 ft) can be enclosed in a hermetical
 sealed globe of glass & turned on and off
 with ease of facility & can be maintained by
 a motor power at the distance of (say) a
 mile it seems to me all that is required,
 the glass globe would want protection from
 fall of roof or other accidents but that might
 easily be obtained by a wire screen of sufficient

Sept 28 / 1880
 Bridgnorth
 Oct 5th 1880

strength to protect it, assuming that the glass globe was not sufficiently strong to withstand a severe blow. It is essential, I think, perhaps you are aware, that in order to be efficient the light, could be moved at will by the mine. I should be glad to know the illuminating power of these jets & what expenses would be necessary to keep the light maintained not probable cost, fuel cost & cost of maintenance.

If for the purpose of thoroughly testing or proving in public you wish it exhibited publicly I would I had no other arrangement for an exhibition in a very large mine and under the auspices of one of the highest authorities as an Institute of Mining Engineers in the country. I should be perfectly willing ready to make the necessary arrangements for you if you should wish but I wish to be the first to show the electric light in the mines here if I can.

Yrs Truly

J. N. Dumbleby

J. A. Hudson Esq

"CABLE ADDRESS."
"CORNHILL, LONDON."

Dear Mr. Edison
New York

My Dear Sir

I beg to confirm dispatch of the
following cable to you
"Willers & Co. papers received: in
what countries and I to patents"
in reply to which I have given following
cable:-

"James Watson New Zealand Norway
and England"

I will take the necessary steps in
this matter immediately

Yours truly

James Watson

P.S.

Kindly inform me by return how our arrangements
stand with regard to the above. Whether I am taking these
patents on our joint life as usual. You will perhaps remember
that when we signed our contract with the Edison Co. we
agreed to give them all our rights throughout the world
you were good enough to propose that I should reserve my rights
in the matter in respect of the above proposed to do this.

But I can do you take
out of the Edison Co. contract
if you give me notice
within 10 days of the date
as I only get to the
1/2 of mine

S. J. City of Boston

10 Lombard Street, E.C.

London, W. 14th Oct 1880

Ans'd
Oct 25th 80

Ophir Silver Mining Company.
SUPERINTENDENT'S OFFICE.

Virginia, Nov. Oct 29th 1888

Mr. A. Edison

Dear Sir

Your last communication —
- dated about August 7th in regard to the
Electric transmission of Power was duly con-
- sidered by me - since which time I have
heard nothing from you - Did you receive
my letter? - please answer as soon as con-
- venient

Yours truly
M. J. Barton

Mr Edison
I am always yours

M. J. B.

Ophir Silver Mining Company.
Supt. H. D. Edwards
Keep this until we
have taken the matter over
Virginia, Nev. Nov. 1 1875

Wm. D. Edwards
P.O.

Yours of the 25th ult.
is at hand and contents noted - It might be
well to forward the drawings you speak of -
so that I may have an opportunity - to go
through them thoroughly - I may have a chance
to give the system a few extra words on the
construction before long - and would like to be
as well posted as possible

Yours truly
W.D. Edwards

GRINDSTONES
BLOCK STONE.

SAWED FLAQS, HEARTHES, STEPS,
BELTS, CAPS AND ASHLAR.

OVER 2,300,000 TONS SOLD.

WORTHINGTON & SONS,

Quarriers and Manufacturers,

N. AMHERST, OHIO.

Farrelly Alden,

AGENT FOR PENNSYLVANIA.

Office, No. 27 Fifth Avenue,

(WITH EATON BROTHERS & CO.)

Pittsburgh, Pa., Dec. 6, 1880.

Professor Edison
Munio Park
Dear Sir,
Your No 10 small crusher
used in my laboratory
No. 9, works perfectly satisfactory
to me.

I wish to furnish in my new
circular of "Alden's Ore Crushers & Pulverizers"
the result of your appreciative experience with
the No. 10 you purchased of S. D. Spencer
30 East Street St. N.Y. He communicates the item
a reply to me from absolute want of time to
do it justice.

I enclose you my old circular & will
send you one of the new ones soon as printed.

The farmers are well well satisfied
at the results of H. H. Reels (Smiths) experimenting
that 400% ground limestone fertilizer, cost \$1.60
gave increase (over 14% bushels with seedling) of
31% bushels of wheat, to 35% per acre! While it
cost 250% more than at \$5.16 per acre to produce
37% bushels a 23% increase. Now "young men
can go" East to raise wheat!

Very respectfully

Your Obed Servant

Farrelly Alden.

27-5th Ave
Pittsburgh, Pa.

In enclosed Plan for Pumping Mines
 the Pumps & Rods are operated with Bars
 by connecting rod from Geared Lineshaft. &
 on Dynamo-Motor - Level. - Each gear is
 driven by one 60 to 100 Horsepower Motor.
 The Plan shows 3 such Dynamo motors
 driving the Lineshaft for 100 ft. Lift.
 The Lineshaft with cranks, gears and
 Bearings is designed on a main foundation,
 to which the Dynamos may be bolted
 to match in the gear. The Dynamo is in
 itself complete on one Baseplate (about
 7' x 12' by 1 ft. high) ^{and} is proposed to run
 the Armature 240 revol per min. to be
 geared down to 12 revol of geared Line-
 shaft. -

For Ventilating smaller Dynamos may
 work direct or geared to suit required
 capacity of Blower and ~~to~~ its speed.

For Hoisting the suitable size or several
 coupled Dynamos may be attached, coupled
 to a ~~hoisting~~ ^{operating} engine the same way as a steam
 engine attached, the speed to be regulated

The Plan of placing all Dynamomotors on one level say the 3000 ft. level and operate with them a new system of Pumps, rods, Bobs, Blowers and ^{surface} ~~wings~~ similar to the system from ~~past~~ ^{surface} level will enable the best attention to all motive Machinery, ~~where~~ ^{supposing} the surface Motive Machinery ~~can~~ keep this lower level free of Water and accessible.

It would make little difference in conducting the Electricity on this level off from the Main-Shaft, if another Shaft were to be sunk elsewhere on this level.

From this Drawing, nearly to Scale ($\frac{3}{16}$ " to the foot, to correspond with the one received) it is hoped such changes alterations or suggestions may be developed to be enabled to make working drawing and estimates. ~~the~~ ^{from} Plans showing the general construction of transmitting Power it is only necessary to state that the smaller Motors have higher speed of Revolution, as much as 1000 revs. per min.

Union Consolidated Silver Mining Co.
Pumps from 6 to 12 strokes - Virginia

200 ft. lift for Pump Station.

say 5 Pumps from one generator - 1790
60 H.P. generator.

Will to operate below the 3000 ft. level.

86 millions pound of Water raised
one foot with 100 ft. of coal.

1 1/2" diam. 10 ft. stroke in pairs.

20 H.P. engines for windages (compression and friction gears)
6 H.P. " " Blowing Engines

for 200 ft. = 13000 ft. Water at speed
- of 120 ft. per min. = over 47 H.P. with 10%
allowance for friction, so that a 60 H.P.
may be rightly assumed for every
200 ft. -

Tank chamber 11'-3" high

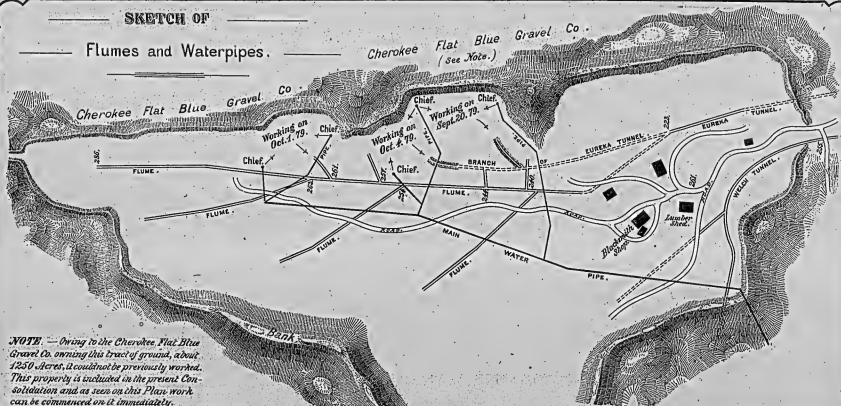
Tank 16' x 8' x 6' outside

1/4" outside diam of Water pipes.

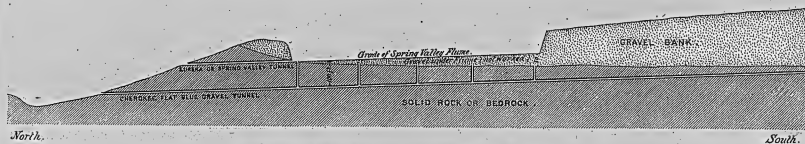
Rob. chamber 31 1/2' deep.

16' to 24' high.

Flumes and Waterpipes.

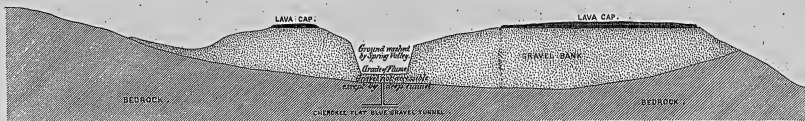


NOTE.—Owing to the Cherokee Flat Blue Gravel Co. owning this tract of ground, about 1250 Acres, it could not be previously worked. This property is included in the present Consolidation and as seen on this Plan work can be commenced on it immediately.



North and South longitudinal Section of Gravel banks .

(Scale = 250 Feet per Inch.)



East.

West.

East and West Cross section of Gravel banks.

(Scale = 500 Feet per Inch.)

1880. Mining - Edison Ore Milling Company, Ltd. (D-80-033)

This folder contains correspondence, agreements, and other documents relating to the business of the Edison Ore Milling Company, Ltd. Some documents concern the Miocene Mining Company, which was established by Edison and other members of the Edison Ore Milling Company to exploit a mine in California. There is also a list containing the names of Edison Ore Milling Company stockholders for the years 1880-1883 and the number of shares owned by each. Related material can be found in the Edison Ore Milling Company Minute Book (Company Records Series).

All the documents have been filmed.

New York January 9th 1877

Dear Sir

A meeting of the Directors of The Edison & Milling Company, Limited, will be held at the office of R. L. Gillingham, 191 Company, No 19 William Street in the City of New York, on Tuesday the 13th day of January, 1877, at 11 o'clock, A. M. for the election of President, Vice President, Secretary and Treasurer, and for such other business shall properly come before the meeting.

R. L. Gillingham, Jr.
Secretary

Thomas Alva Edison

- with -

The Edison Ore Milling
Company, Limited

Agreement

Dated January 12th 1880

This Agreement made this ~~twelfth~~ day of January in the year 1880, between Thomas Alva Edison of Menlo Park in the State of New Jersey of the first part, and The Edison Ore Milling Company, Limited, a corporation created under the laws of the State of New York, and hereinafter called the Company, of the second part,

Witnesseth:

Whereas, the Company has been organized with the view of acquiring and using inventions, processes and letters patent therefor for extracting metals from ores by electricity and other means; and among these, certain inventions and processes of the party of the first part already made and devised, and such others of the like character as he may make hereafter, and such letters patent as may be granted for any of them.

And whereas the said Edison is willing and proposes, for the consideration and upon the terms hereinafter referred to, to assign to said Company all his interest in certain contracts, and to transfer to it his right, title, ^{part} interest in all his said inventions, processes and letters patent, and the exclusive use and benefit thereof, in and for the United States of America, and all other States and Countries of the world.

Now, in consideration of the mutual agreements of the parties hereto as hereinafter set forth, they respectively agree with each other as follows:

First: The said Edison hereby assigns, transfers and sets over to the Company the three several contracts, and all

his right, title and interest therein, and all benefit thereof, which are herewith handed to the Company, and are described as follows, to wit: (1.) An agreement, dated the 23rd day of December, 1870, between said Edison or his assigns of the first part, and the United States Mining Investment Company of the second part, relating to the working of tailings and other debris on the properties now or formerly owned by the Cherokee Flat Blue Gravel Company and The Spring Valley Mining and Irrigating Company, respectively; (2.) An agreement made at Oroville, in the County of Butte and State of California, the 24th day of November, 1879, between said Edison and his assigns of the first part, and The Big Bar Hydraulic Gravel Company and relating to the working of tailings or debris on the property of said Company; (3.) An agreement made at said Oroville dated the 28th day of November, 1879, between said Edison or his assigns of the first part, and Oliver P. Powers, J. T. Soule and F. B. Miller of the second part.

Second: The said Edison hereby sells and assigns to the Company the entire and exclusive right, title, interest, use and benefit in and for the United States of America, and all other States and countries of the world, in and of his inventions or improvements in or relating to the manufacture of Chlorine water, and in and of all other inventions, discoveries, improvements, processes, devices, apparatus and means hitherto made, discovered or used by him, in or pertaining to the extraction of metals from ores, tailings, gravel or other deposits thereof, whether by use of electricity or of any chemical, mechanical or other processes or

means whatsoever; and does also agree that all other and further inventions, discoveries, improvements, processes, devices,, apparatus and means of the character above described which he may make within the period of seventeen years from the date hereof, together with the improvements upon any of them which he may make within the same period, shall be deemed to have been made for and shall belong forthwith to the Company.

Third: The party of the first part hereby agrees, on behalf and for the benefit of the Company, to make and prosecute with all reasonable speed and diligence from and after the execution of this agreement, investigations and experiments for discovering, devising and perfecting the best and most profitable processes, apparatus, devices and means for extracting metals from ores, tailings, gravel and other deposits thereof by electricity, chemical and any such other means as he can discover or devise; and in respect to all of the things so discovered or devised which are either not patentable, or which the Company shall decide not to patent, Edison agrees to give to it complete and detailed information descriptions, formulae and instructions for practically operating the same, as fast as the same are made by him.

And Edison agrees that he will not disclose any of them to any other person than to the Company, without its permission in writing, signed by its President. And it is mutually agreed by the parties hereto that all expenses of Edison in and about his experiments and investigations aforesaid, provided that the nature and amount thereof have been first authorized and approved by the Company, shall be borne and

and paid by it from time to time as they accrue.

Fourth: All inventions, discoveries, improvements, processes, devices, apparatus and means of the character described in the second or third articles hereof, which shall be made within seventeen years from the date hereof, shall belong to the Company without further compensation to Edison than that provided for him by this agreement; and Edison hereby agrees that he will transfer and secure to the Company from time to time as they are made, the full, sole and exclusive right, title, interest, use and benefit of all of them, in and for all the states and countries aforesaid.

Fifth: Edison agrees that, in respect to all his inventions, improvements, processes, apparatus, devices or means of the character referred to in the second and third articles hereof, which can be protected by letters patent, grants, concessions or other privileges, securing to the owner thereof the exclusive or other special use and benefit thereof, in any of the countries named in the preamble hereof he will, upon the request of the Company, prepare, execute, deliver to it or file as may be necessary, all caveats, drawings, models, specifications and applications for such patents or other grants as aforesaid; and will, as fast as any such patentable inventions, improvements or other devices are perfected, assign the same and all his right, title and interest therein, and in all the patents, or other such grants, concessions or privileges as aforesaid therefor, to the Company, and will execute and deliver to the Company all such other instruments or writings as will secure to it the entire

and exclusive right, title, use and benefit of all of them.

Sixth: The Company agrees in consideration of the assignments, covenants and agreements of Edison as herein set forth to pay and issue to him Two hundred and eighty five thousand dollars of its capital stock; and to pay him an annual salary of ten thousand (\$10,000) dollars in each of the seventeen years next after the third Tuesday of January, 1880, in which its net profits, after payment of all cost of experiments as provided in the third article hereof, and all its other expenses, shall be sufficient to pay that sum; and if said net profits in any year shall not be sufficient to pay the whole amount of salary, then to pay him such part thereof as such net profits will yield.

And the Company further agrees that after reserving and deducting so much of the net profits of each of said seven-teen years, ending respectively on the third Tuesdays of January, as will pay said annual sum of ten thousand dollars and such further sum as will amount to twenty per cent. upon the amount of its stock then outstanding, it will pay Edison out of any surplus then remaining of the net profits of that year, thirty per cent. of such surplus, up to but not exceeding thirty thousand dollars in any year. And it is agreed that the provisions of this article in respect to such salary and percentago to Edison shall apply to each year taken separately by itself and without reference to or in connection with any other.

Seventh: Edison agrees to execute and deliver to the Company from time to time, at its request and expense, such writings of further assurance or such separate instruments

more fully or specifically securing to the Company the interests or any portion thereof which are covered by this instrument as it may require to have.

Eighth: Both parties agree that an instrument or memorandum of agreement made between the parties hereto and bearing even date herewith is superseded by this agreement and is henceforth void, and they hereby release and discharge each other from all obligations under said superseded instrument, and agree that the rights of both parties in respect to the matters contained herein are determined by this agreement only; and as if it had been executed instead of the other.

In witness whereof the party of the first part has hereto set his hand and seal; and the party of the second part has hereto set its seal and has caused its corporate name to be signed by the hand of its President the day and year first above written.

Sealed and delivered in presence of
as to Thomas A. Edison
Wm. C. Barnard

Thomas A. Edison

The Edison Drawing Co.
"Limited"

James H. Barker
President

Attest
Stockton L. Griffin
Secretary

State of New York,

City & County of New York, ss:

On the twenty seventh day of January in the year one thousand eight hundred and eighty before me personally came William Carman with whom I am personally acquainted, subscribing witness to the foregoing instrument, who being by me duly sworn did depose and say, that he resides at Menlo Park in the State of New Jersey, that he is well acquainted with Thomas A. Edison and knows him to be the same person described in and who executed the foregoing instrument, that he saw him sign the same, that he acknowledged in his presence that he executed the same and that he subscribed his name as witness thereto.

And on the twenty seventh day of January one thousand eight hundred and eighty before me personally came James H. Banker and Stockton L. Griffin to me known to be respectively the persons described in and who executed the foregoing instrument as the President and Secretary respectively of The Edison Ore Milling Company, Limited, the corporation described in and in whose behalf the same instrument was by them executed and they severally acknowledged to me that they executed the same as the free act and deed of said Company, for the purposes therein mentioned and thereupon the said James H. Banker being by me duly sworn, said, that he resided at Irvington in the State of New York, that he was the President of the said The Edison Ore Milling Company, Limited, and that he signed the name of the said The Edison Ore Milling Company Limited, and his own name as President thereof, to the foregoing instrument by order of the Board of Directors of said

Company; and the said Stockton L. Griffin being by me duly sworn, said, that he resided at Menlo Park in the State of New Jersey, that he was the Secretary of the said The Edison Ore Milling Company, Limited, that he knew the corporate seal of said Company, that the seal affixed to the foregoing instrument was such corporate seal and was thereto affixed by him by order of the Board of Directors of said Company and by the like order he signed his own name to said instrument as secretary of said Company.

In witness whereof, I have hereunto subscribed my name and affixed my official seal the day and year first above written.



Chas Roth (L.S.)
Notary Public
New York County

Memo Paid Jan 13, 80
Received from W. A. Edison
Quoted five dollars
week ending Jan 10. 80

Frank M. Laughlin

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which have been assumed as to the order of the following messages.

Errors can be corrected and sent only by repeating a message back to the sender at once, and the Company will not be held liable for errors or omissions in transmission or delivery of a message if the sender does not repeat a message.

Messages sent on the TELEGRAPH SYSTEM ARE NOT TO BE DELIVERED BY POST TO ANY ADDRESS OTHER THAN THAT SPECIALLY NOTED.

A. T. BREWER, Sec'y.

WILLIAM COTTON, Pres't.

Dated New York Jan 14 1880

Received of W. A. Edison
for

READ THE NOTICE AT THE TOP.

Will come down tomorrow
to arrange assignment or
contract with ore milling
company for stock issued
to you

Geo. Sorren

10 paid
1/10. H.

W. L. Robinson, Pres.
 Geo. H. Robinson, Sec.
 Robert C. Boyle, Treas.
 Geo. W. Smith, Sec.
 W. D. Smith, Sec.

BOX
 1310

OFFICE OF
The Farmers Loan and Trust Company
 60 EXCHANGE PLACE
 New York
 1888

Sept 1. 3000 shs. loaned to Thos. Edison

Transferred Jan 14 1880 -

700 shs. to Chas. H. Lewis

400 " Jamieson & Banker

400 " R. H. Cutting Dr.

400 " H. W. Doremus

50 " Frank H. Langhlin

50 " R. H. Cutting Dr. Treasurer

4200 " Thos. Edison

3000 shs.

Transcript of T. A. Edison & Edison One Milling Co

STOCK SURRENDERED.

STOCK ISSUED.

DATE OF CERTIFICATE.	NUMBERS OF CERTIFICATE.	NUMBERS OF SHARES.	IN WHOSE NAME.	DATE OF CERTIFICATE.	NUMBERS OF CERTIFICATE.	NUMBERS OF SHARES.	IN WHOSE NAME.	ADDRESS.
Jan 1/80			700 To B. H. Lewis	Jan 14/80	1-5000	3000	B. H. Lewis	Jan 15/80
Jan 1/80			400 To B. Barker	Feb 1/80	24-1300	24	J. H. Barker	July 15/81
Jan 1/80			400 To R. L. Cutting	Sept 1/80	157-1475	157	J. H. Barker	
Jan 1/80			200 To G. W. Smith	June 23/81	243-1000	243	J. H. Barker	
Jan 1/80			50 To Mr. Laughlin		250-100	250	J. H. Barker	
Jan 1/80			50 To Mr. Laughlin		255-1000	255	J. H. Barker	
Mar 1/80			20 To J. B. Cochrane		244-10	244	J. H. Barker	
Mar 1/80			5 To Mr. Fox	June 23/81	245-10	245	J. H. Barker	
June 23/81			100 To Mr. Laughlin		246-10	246	J. H. Barker	
Jan 1/80			10 To Mr. Smith		247-10	247	J. H. Barker	
Jan 1/80			100 To Bachelor	June 23/81	248-10	248	J. H. Barker	
Jan 1/80			10 To Mr. Clark		249-10	249	J. H. Barker	
Jan 1/80			50 To Mr. Johnson	June 23/81	246-10	246	J. H. Barker	
Aug 31/81			5 To Mr. Blumpton		247-10	247	J. H. Barker	
			933 Balance	Aug 31/81	248-10	248	J. H. Barker	
					277-10	277	J. H. Barker	
					435-10	435	J. H. Barker	
			3000			3000	J. H. Barker	
						933	Balance	

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, that the sender shall have been examined as to the order of the following messages.

Messages are to be placed again only by repeating a message back to the sending station for correction, and the sender must not leave the office until the message is correctly placed.

The sender is to be held responsible for any error in the message, and the sender is to be held responsible for any error in the message, and the sender is to be held responsible for any error in the message.

A. H. BREWER, Secy.

WILLIAM GUYTON, Pres.

Dated Chicago Dec 11/1876

Received at

Edison

READ THE NOTICE AT THE TOP.

Will find Mr. Cummings
if possible and advise
you

W. C. Maynard

J. D. H.
H. P.

No 4 Chicago Ill. 11/17/80

To Thos. J. Edison
Muncie Park N J

Mr Cummings will
reach New York Monday
morning via Hudson
River road He will
stop at Peter Lane
send instructions thru

H. E. Maynard

12/2/80

W. H. H. H.
11/23/80

New York Jan'y 20, 1880

Sir

A meeting of the directors of the Edison Arc Lighting
Company Limited will be held at the office of the Company
on Thursday Jan'y 22^d 1880, at one o'clock, P.M.

Stuckton L. Gripper.
Secy

No. 44.

HALF RATE MESSAGES.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages ~~sent~~ on its wires, the ~~rate~~ ^{rate} of which is less than that of the ordinary telegraph, which have been issued by the order of the following message.

By the use of the special system and by the use of the special system of the Western Union Telegraph Company, the rate of the message will be less than that of the ordinary telegraph, which have been issued by the order of the following message.

The message will be transmitted ~~sent~~ ^{sent} on its wires, the ~~rate~~ ^{rate} of which is less than that of the ordinary telegraph, which have been issued by the order of the following message.

A. T. BROWN, Sec'y.

NORTH STREET, NEW YORK.

Date Boston Mass 7/83 1883

Received at Mr. West Edison
Minneapolis

Visited New York on your
telegram saw Cummings like
that property, subscribed five
thousand. The matter will
go through all right

C. H. Lewis

repaid
Don't

READ THE NOTICE AT THE TOP

Ny 28

Jan 28
311-

TA Edison

How you are coming
to City tomorrow. If
possible come to office
and see papers in
Davis Watch

R L Cutting Jr

paid

T. A. EDISON,

Menlo Park, N. J.

June 29^{6 PM} 1880.

3

Oroville Cal 29th June

Maj Frank M. Laughlin
Menlo Park N.J.

Will settle with Chamberlain today
and get extension of other bonds
New York parties have offered
Hendricks three hundred thousand
think the Davis property could
be sold for half million in
sixty days. It is worth
more

J. C. Logan

Edison
B9

T. A. EDISON,

Menlo Park, N. J., _____ 1880.

*Received from T. A. Edison
Twenty five Dollars for 3 weeks
ending Jan 31, 1882*

Frank W. Bayliss

File

Boston, Feb - 5th 89.

Prof T. A. Edison

This will be
handed you by W. T. Reynolds
of California - who has
had some conversation
with Mr. Wm. Loughlin about
his California property.
His interests are large in
California: but he can
better explain himself

Respectfully,
Chas. H. Allen.

2 New York 2/6/88
1125 AM
To Edison
Menlo Park NJ

Major McLaughlin
presents your check
thirteen hundred and
fifty dollars no date
no endorsement shall
we pay it

Drexel Morgan
18 paid
No. f

3 New York N.J. Feb 9/80
To Edison
Menlo Park

Have got agreement respecting
balance of interest signed
will bring it and
assignment down Monday

Frank McLaughlin
15 paid
No. f

Executive Office
Western Union Telegraph Company
Bureau of
Postal Communication Service.
James H. Green, Superintendent.

New York, Sept. 4th 1882

Thos. A. Edison Esq.
Munro Park N.J.

Dear Sir:

Enclosed please
find complimentary Franks for Geo. W.
Lummings and Frank M. Laughlin as re-
quested in your telegram to the President
Turnbly.

Very truly yours

James H. Green

Sup't

2

THE WESTERN UNION TELEGRAPH COMPANY

No. 213

THE COMPANY TRANSMITS AND DELIVERS messages only on condition, limiting the liability, which have been assumed to and hold itself liable in no way, or otherwise, for any loss or damage, or for any delay in transmission or delivery of messages. This message is an UNRECORDED MESSAGE and is delivered by request of the sender under the conditions assumed.

A. R. BREWER, Sec'y.

NORVIN GREEN, Pres.

Dated, Toronto Ont- 27

Rec'd at Western Union Building,
BROADWAY AND DEY STREET.

To: Frank McLaughlin

Feb 27 1880

Advice had under Circumstances Des -

letter by this fifth first

Then Control is Easy

A. M. Sutherland

14th and via Buplo

$$2f m =$$

READ THE NOTICE AT THE TOP.

Went to Park 2-25

Rescued from
7 A. Edgar one hundred

Received for 4 weeks
ending Dec 28. 1880

Frank McLaughlin

Blank No. 1

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages subject to conditions, limiting its liability, which have been submitted to by the sender of the following messages.

Messages sent by this office may be repeated at a subsequent hour in the same or other station for completion, and the Company will not be liable for any loss or delay in the transmission of messages so repeated.

This company does not assume any responsibility for the loss of messages or for the loss of money or property sent by this office.

A. B. NEWBER, Sec'y. MORVIN GREEN, President.

Dated New York 7/13 1888

Received at 1440m

To Thomas Edison
Menlo Park N.J.

READ THE NOTICE AT THE TOP.

Lewis wants to know
if the party brought
answers at once two
hundred Broadway

W. Laughlin
1440m
R.A.

T. A. EDISON,

Menlo Park, N. J., Mar 13, 1888.

Received from T. A. Edison
fifty dollars 3 weeks ending
Mar 13. 1888.
W. Laughlin

March 30, 1880

My Dear Editor

We could let
probably 325 per
share for one million
Had we better sell
say 20 shares for
the treasury. I did
not like to telegraph
but you can wire me
Yes or No

Yours Truly
R. L. Cunningham

Don't think there
is any for sale
you might write to the Co.
Jefferson Bradford Co.
March 31. 1880.

Thomas A. Edison Esq
Dear Sir -

Am all the shares
of stock in the Edison Ore and Milling
Co. taken!

If note, would you have shares to
sell?

I live here in the heart of the oil
country, where there is a great deal
of loose money ready for invest-
ment, and it will rush to any
thing your name is connected
with.

I should like to be made your
agent for disposing of stock

Respectfully Yours

W. H. Kirkland

Mar. 1891

Frank McLaughlin
200 Broadway Room 8
New York

Have extended option until
Monday twenty second

T A Edison

1076 Sent

Oroville April 1st 1880

My dear McLaughlin

Please dont accuse me of dealing in dark unfathomed mysteries, because I write so often "this is a secret" - Dont laugh 'way up your sleeve, when I say in a Stage Whisper, -- hewa -- r-r-r-r-r! But, aller same, melican man, heap look out.

I enclose a copy of "Notice" for "Big Bend," which explains itself for the present. I am writing a short "Sermon" on the subject which I will send you in a few days, explaining the whole thing. I dont want any one from Antio Co to get hold of a single point connected with this enterprise. The reason, is obvious. Capitalists will not only be black

I mailed wherever it is practicable but every man who has an axe to grind, will decoy his neighbor as only having a little tomahawk to whet.

These notices, you will observe, are printed. Not written - They are on muslin, - not on paper. In a short time they will be posted all along the river in "Big Bend", and when posted, the notice will be recorded in Butte Co records. It has been raining here, - snowing up there, for several days, and as soon as the weather settles the notices will be put up. After they are up the matter need no longer be kept secret. To avoid the chance of "leaking" I had the printing done in Sacramento - See as many of the parties connected with it, as you can, and let me know what they think of it. To tunnel across the "divide"

3 from the head of Dark Cañon
to North Fork you will see on looking
at the map is only about one mile.
Hardly that - each section being one
mile wide. If the river is filled with
gold down here, what must it be up
there? I hope you will think
as I do about it, that this is the
largest and most promising mining
operation ever undertaken on the Pacific
Coast. Governor Perkins and Judge
Hendley, both old miners are both
very much enthused over this
scheme. So is Logan, so am I.
Do write -

Yours truly
J. W. Cummings

NOTICE!

[ENCLOSURE]

We, the undersigned, citizens of the United States, hereby give notice to all whom it may concern that, under the mining laws of the United States, and the district mining laws of "Yankee Hill Mining District," and the district mining laws of "Berry Creek Mining District," in Butte County, California, for mining purposes, we claim the bed of the north fork of Feather River, in said county and State, from a point on said north fork of Feather River (as shown on the official map of Butte County), where said north fork of Feather River crosses the dividing line between Sections 14 and 23 in Township 21 N., Range 4 E., Butte County, California, and from thence, following the meandering of said north fork of Feather River, up and along said stream through Sections 14 and 13 in Township 21 N., Range 4 E.; thence up said stream through Sections 18, 19, 17, 20, 16, 21, 15, 10, 9, 3, 4 and 6, in Township 21 N., Range 5 E., and through Sections 33, 32 and 31, in Township 22 N., Range 5 E., and through Section 1, Township 21 N., Range 4 E., and Section 36, in Township 22 N., Range 4 E., to a point in said last named Section five hundred feet north of the point where said north fork of Feather River crosses the dividing line between Sections (1) one, in Township 21 N., Range 4 E.; and Section 36 in Township 22 N., Range 4 E., in the said County of Butte. Our said claim comprises the river bed from bank to bank of all that portion of the north fork of Feather River, designated on said Butte County map, and commonly known as the Big Bend of the north fork of Feather River, being about eleven miles in length along said stream. We also claim hereby the right to the mines or deposits of precious metals on or in the several Bars in said Big Bend; said bars or some of them being known as Island Bar, Latimore Bar, Berry Creek Bar, and others which are not named, in said Big Bend of the north fork of Feather River between the points before named.

We also claim the right of way to construct and maintain a tunnel or tunnels, and for the right of way for all the necessary flumes, pipes or ditches therewith connecting; said flumes, pipes, ditches and tunnels

to be of sufficient size, capacity and grade to carry all of the water of said north fork of Feather River, at a medium stage of water, through, in, over and across the following described lands, to-wit:

Sections (1) one, eleven, twelve, thirteen, and fourteen, in Township 21 N., Range 4 E., and Sections 6, 7 and 18, in Township 21 N., Range 5 E., and we claim the right to divert all of the water of said north fork of Feather River from its natural bed in said Big Bend, and to carry or run said water through said tunnel or tunnels, and said pipes, flumes or ditches, from a point above said Big Bend at the point heretofore designated, between Section (1) one, Township 21 N., Range 4 E., and Section 36, Township 22 N., Range 4 E., flowing said water into Dark Canyon, and thence returning said water to the channel of said north fork of Feather River at a point below said Big Bend; the points of entrance and exit of said waters to be within the boundaries on said north fork of Feather River heretofore named.

All of the foregoing claims are made for the purpose of drying up the natural bed of the north fork of Feather River through the aforesaid Big Bend, so that we may mine and dig for precious metals in the natural bed of said river, and on or in the bars formed along or in said Big Bend; it being a fact patent to all, that in no other way can the precious metals known to exist in said river bed be reached.

In making such claim and location under the laws of the United States, and the several mining districts in which such claim and location may be situated, we do not propose or intend to interfere in any way with vested and accrued rights made in good faith, and legally held and possessed by other miners or other persons, whose notices of claims and locations or possessions have been made in accordance with the laws and customs of the several mining districts in which our said claims may be located, and in accordance with the mining laws of the United States.

This company shall be known as "The Eocene Tunnel and Mining Company," and its original members are named below:

James C. Logan.
George W. Cummings.
Frank McLaughlin.
Thomas A. Edison.
James H. Banker.
Charles H. Lewis.
R. L. Cutting, Jr.
Anthony J. Drexel.

William H. Vanderbilt.
George C. Perkins.
William H. Cox.
Charles Batchelor.
E. W. McKinstrey.
John Hoey.
P. O. Hundey.

Oroville Apr 1st 1880

Major E. M. Laughlin

Sir. If I knew Mr Sorens address I would write him in stead of you on this occasion. But I have left at home or elsewhere the only paper I had, with the address and name of Mr Sorens firm upon it. Please therefore consider this as a letter to both of you. Judge Lott has just read me portions of a letter from Mr Soren, in which Mr S. asks "has Cummings ever consulted with you in reference to the forming of a board of direction of the Company." These are not the precise words but embody the substance. I have not consulted Judge Lott on that point because I considered the matter settled, and had no occasion for doing so. I said my say on that subject in New York. I supposed the Co. was to be formed under the laws

of California, and in that case, stated that a majority of the Board of Directors must reside in this State. When it was determined to organize under the laws of New York, I merely recommended that Lygon and myself should be made directors resident in California - Being overruled I dropped the subject -

Now, relative to the E's title to the Davis property. I had supposed this to be settled also, satisfactorily. Judge Sott, having told me, as I wrote Maj McLaughlin on Mch 19th, that the title was "all straight" and vested in me, - with two trifling exceptions which could be made right when the E's should apply for Patents to the property. The exceptions being the 2 Claims on Dry Creek 100 feet front, each. You will remember I stated that I could not give, and the E must not expect, a Wall St title to this mining property.

3 It is held in fee simple under the Mining Laws of Thompson's Flat mining District, and the mining Laws of Dry Creek District, and the Mining Laws of the United States:— all the requirements of each of which have been complied with. The Kennedy ground on Thompson Flat is held under a U. S. Patent

It is a portion of a Spanish (Bernandez) Grant, sold to Moore Henshaw & Ord ^{by Henshaw & Ord} Sold by Ord to the Kennedys, and by the Kennedys to Davis and by Davis to me. Understand the Spanish grant was confirmed by the U. States, Patented by Moore Henshaw and Ord - Split divided, and the "Kennedy" ground passed into Ord's hands.

The balance of the property on Thompsons Flat is held as all mining property is held - possessory title but can be Patented at any time -

I have advised that the Company patent this property when the proper

4th time arrives. But inasmuch as the Company are making purchases of property, there, and are quite likely to purchase all they can get hold of at reasonable figures I have advised that the Application for Patent be deferred until all purchases are completed. By this means all can be patented for about the same sum in the way of Lawyers and departmental fees as a portion could be patented for.

If the parties owning property there could get water on it, the property could not be had for anything like reasonable figures. For instance we purchased from Chamberlain, the old Halstead grange for \$3500. I could sell it to-day for \$20,000 if we would agree to let the purchaser have water to work it. If we were to commence patenting our ground now, it would

to give an importance to our operations which would raise prices ten-fold. I purchased a piece of ground for the Company having 150 ft front on the river, just below the bridge, running back 300 feet for \$175⁰⁰. I had it deeded to the old bridge tender and he deeded it to me. The parties have said since, "if they had known it was for a Company they would not have sold it for \$1000." I mention these matters to show you why it is necessary for the present to proceed very quietly and not to make any attempt for a few months to apply for Patents.

Judge Satt informs me that there is a presumptive lien upon the whole property in the sum of about (\$900) nine hundred dollars. One of Davis' old employes has sued the "76 Co" for that amount and filed a lien against the property. Of course the man must

to run his case before he can make
his lien stick - I advise Davis to
settle in some way with that person

Of course the new company, -
"The Mercantile" has nothing to do with it,
and our side will take care of the debt
in final settlements. With this expla-
nation I believe I have mentioned
everything pertinent, on my part, to the
portions of Mr Sorens letter read to
me by Judge Lott.

Very respectfully
J. W. Cunningham

Nyape 30/100.
R. L. Cutting Jr.
a aplr

No Gold, only a great deal
of Lead.

My dear Edison

I am going to
send you by express a
box of stuff and if not
too much trouble I want
you to assay it and see
what it is in it. It belongs
to some friend of mine &
if it should turn out to
be worth working we
may do a good thing
in it. It could be bought

to your place in very
large quantities at a
trifling expense. I
have taken the liberty
of promising for you
that you would look
into it. The bottles all
contain the same stuff
taken from different
parts of the heap. If
there is anything in it

I will go down & see you there
particular

Chas. Spurr

April 3-

R. A. Cutting R

Executive Office
Western Union Telegraph Company

New York April 5th 1880

Mr T. A. Edison

Menlo Park N. J.

Dear Sir,

Enclosed please find two
books of ~~france~~ from Col. McLaughlin
per your request. ~~Nothing~~ ^{Nothing} your complete
success in ~~the capture~~ I remain

Yours truly

H. M. Humphrey

No Gold
Not good for
Prof Thomas A. Edison Sulphuric
Oroville April 5th 1880

Dear Prof today's mail I send
you a specimen of Quartz containing a
large quantity of Sulphurite Pyrites &c

Is this the kind you
require for making acid? If so there
is any-^o quantity of it about ten
miles from here. I should like to know
the result of assay for the benefit of all
concerned. I have never heard any-
thing from Sampls sent you heretofore,
and as this belongs to some clever fellows
who would do us a good turn whenever
Chance presents I would ask that you
make a note of it and ask Griffin
to send me result -

Yours very respy
J W Cummings
I hope the Major left
this morning

Gold and Mercury
~~rich~~ Oroville April 5th 1880

Prof Thos A Edison

Dear Sir I send you by
mail today a package of black sand
from ground about $\frac{1}{2}$ mile from my
office, belonging to George Springer and
others. This is property that can be
controlled should you desire it, and
the parties would like to know the
result of your assay. Major M L
was to have forwarded a package to
you, similar to the one I now send,
(as they say) but he left before they
brought it in. As the Major is coming
out, the two packages I send today
will be my last, unless ^{otherwise} directed by you
- I shall be glad at all times to pro-
cure any desired samples for you within
my reach.

Yours very respy
J W Cummings

THE WESTERN UNION TELEGRAPH COMPANY

This Company **TRANSMITS** and **RECEIVES** messages only on conditions, limiting its liability, which however, does not limit the sender of the message. The sender of the message is responsible for the content of the message and for its transmission, such as the message content for the recipient, and the Company is not responsible for the content of the message. The Company is not responsible for the content of the message. The Company is not responsible for the content of the message. The Company is not responsible for the content of the message.

R. J. JENSEN, Esq. **NORVIN GREEN, President**

Dated Ten New York 1980

Received at 1000 am 7/13/

Dr. Thos. A. Edison
menlopark

Party who wrote you
from Virginia City owned
large amount valuable
mill tailings will ship
samples and write fully
have had interview worth
attention in case company
will ever work mill
tailings ditch flat
tomorrow

3304 Frank McLaughlin
Rt 11 - Rte

John H. Foster.
Gouverneur H. Foster.
Gen. Miles Smith.
Chas. K. Smith.
Gen. A. Smith.
Wm. L. Foster.

P. O. Box 1836.

Porter, Lowrey, Loren & Stone.

Attorneys & Counsellors at Law.

No. 3 Broad St. New York.

1 Enclosure

April 13.

1872.

Dear Mr. Griffin I return letter of April 1.
by Cummings & de Laugher. I have taken
copies of it, and will have it read by four
the Committee.

I had had a conversation with Mr. de
Cutting to day. I had heard nothing of the
affairs of the Company for so long. I asked
if any news had been received.

I should advise that correspond-
ence in business matters should be carried on
with the officers of the Company, and not
"magnifying our office" as Counsel. It would
be prominent that, at this stage of the Com-
pany's affairs, all letters relating to its
affairs and acquisition of property should be
duplicate at least to us.

With regards to all the Edison Company,
especially to your Building Ref.

Yours truly,
John

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS ALL DELAYED messages only on condition, failing to notify, which have been received by the sender and will be transmitted at a special rate in the regular station for connection, and the Company will not be held liable for any delay in transmission or delivery of messages or telegrams, under the conditions stated herein.

A. R. BREWER, Sec'y.

NORVIN GREEN, President.

Dated Oroville, Cal. 4/16 188 0

Received at Los Angeles

To Thos C Edison

READ THE NOTICE AT THE TOP.

Advised all of
shipped tailings from
Lyon's goldmine with
letter address here
are looking well
can get hundreds
tons pyrites here
with. Frank McLaughlin

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting the liability, which here-
unto has been accepted by the sender of the message.
In return, the sender agrees to pay for the message, and the Com-
pany will not be liable for any loss or delay in transmission or delivery of the message.
The message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions
above stated.

A. R. BREWER, Secy.

MORVIN GREEN, President.

Dated

Proville La.

4/27 1880

Received at

645 P.M.

To

L. A. Edison

Menlo Park

READ THE NOTICE AT THE TOP.

*Letter mailed you today
boy by express all OK
H. McLaughlin*

*1020 H
cc. f*

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which here
here limited only to the extent of the following contract.
Messages are to be sent only by the company and the company is not responsible for the loss of messages sent by the company.
Messages are to be sent only by the company and the company is not responsible for the loss of messages sent by the company.
This message is an UNRECORDED MESSAGE and is subject to removal from the records, under its conditions
same date.

A. H. BREWER, Secy

NORVIN GREEN, President

Date

Received at

To

READ THE NOTICE AT THE TOP.

Received favorable telegram
from Mac shall go to
see you this week
possibly tomorrow

14 paid
Hrb.

R. S. Cutting for

EDWARD B. MERRILL,
LAW OFFICE,
65 WALL STREET, N.Y.

My dear Mrs Edison

New York
May 7 1880

After having your
yesterday to occur to me
that it might be well to have
a letter to your friend Mr Mc
Laughlin - Will you kindly
send me a note of introduction
to him - which may be of use
to him as well as myself after coming
in California. Truly yours

E B Merrill
Care E B Merrill Esq
No 65 Wall St

3

Oroville Cal 17

May 17-80
3 1/2 mi

Thos A Edison
ms

Did tailings shipped by
Cummings ever arrive Have
you sent me plans etc of
Mill Answer

F. McLaughlin

16 Stt
Hog

Orrville. May 19th. 1880.

Prof. G. A. Edison.

Dear Sir,

The samples I express per Wells Fargo Co., to day with what Mr Cummings has already shipped (I refer to the tailings &c sent by him last Feb^l and 1st March,) about exhausts the claims in the immediate vicinity of the contemplated mill, and will doubtless be all that you will require. I consider that the entire mines of the County, if not of the state will naturally fall into line and become tributary to our mill. All hydraulic tailings, beyond the shadow of a doubt, are rich in gold, and the quantity of tailings we control in the claims of Spring Valley, the Powers, the Miocene and the Lava Beds is simply enormous. If the result of the assay of the samples forwarded warrant it I can contract with the Chinese working the Lava Beds for twenty five to one hundred tons per day of tailings like sample for \$2.00 per ton. This includes the hauling of same to our mill, if we meet it within 4 miles of these Lava Beds. I have been over all the vicinity of Orrville and consider Thompsons Flat to be the place for the Mill. We can build on the bedrock

2.

exposed in the old Halshead ground. This is within 200 yards of the
 Opaville, Cherokee and other roads; about $1\frac{1}{2}$ miles from Opaville
 and within 4 mile of the Lava Beds in a position where the power
 can be derived from the water of the Miocene Ditch, and the debris or
 Mill tailings can be sluiced through an old 'Cut' into the River. It is
 on Miocene Ground and can no doubt be rented from that Co. at a
 low figure being in a position where it can never interfere with mining
 operations -

The matter of Sulphuric H_2SO_4 for the manufacture of acids required by the Mill,
 I think can be determined by your assay of the samples forwarded. If we
 call for any large quantity of such material we shall doubtless have responses
 from all parts of the state - as its presence in large quantity seems to be the
 leading difficulty with the Quartz Mines worked here.

Since my last letter to you I have read an account of the Edison
 Electric R.R. Now, if it were possible to run such a railroad from the
 Apping Valley Dump to Thompsons Flat the question of expense in hauling the
 tailings from the dump to the Mill would seem to be answered - as the
 cost for building and operating such a road was said to be very low. The
 right of way could doubtless be secured for a small sum, if not gratis. Very
 little grading would be required - distance say about 12 miles. It could be
 made to pay in Passengers and Freight and the saving over the hauling of tailings

by wagons at \$1.50 to \$2.50 per ton would be great. The idea of a Flume or sluice box from the dump, would have to retire into its Ulster on account of the cost, even if such an idea be demonstrated as possible by Survey.

The people here are very anxious to see the Mill established, and I hope that you will soon be able to spare the time to visit this locality and start the ball rolling. The S.F. 'Mining Press' put on a pair of horn spectacles and read the garbled press accounts of your Ore Milling process and pronounced it a failure. You can console yourself by knowing that this newspaper is regarded throughout the Mining regions as a useful tho' coarse substitute for Medicated paper or the primitive handfull of grass. The 'Chronicle' was just beginning to peer when a guardian Angel in the form of young Kalleck sat down and upon Mr De Young - His jac - aas. Another sample of Edison luck. To the S.F. 'Call' which demanded a full account of the intentions of the Co. I took the liberty of warbling the following sentiments - "The Co comes here of its own free will. It has ample capital to carry out its intentions. No one is asked to invest in it. Not one share of its stock is offered for sale. It cares nothing for so called Public opinion, and the gentlemen who have put their capital into the scheme are perfectly willing to abide the result of Prof. Edison's genius. Whatever they see fit to purchase will be paid for. It is

4.

absolutely independent, proposes to ^{do} what the mine admittedly cannot do, and suffers no annoyance from the opinions of ignorant people, whether public or private." — in short don't care a damn —

The tailing deposit owned by Judge Rust (of which I wrote you in my last) is still in abeyance pending the Judge's leisure. When business gets a little slack with him, he will go fully into the matter with me. I expect to ship you samples from this deposit next week.

Not having the plans and specifications which I both wrote and telegraphed for I cannot forward any information which will assist Mr. Horning in his calculations. I do not know to whom I am indebted for the brilliant bursts of pithiness with which my letters and telegrams have been received so will confine myself to mental thanks.

I have worked One Milling business very economically, and so shall not apologize for expressing the samples forwarded today. The delay which attended the shipments made by Mr. Cummings — by rail — warrants the outlay.

The following is a list of samples forwarded per Wells. Fargo & Co. today.

No. 3. Tailings. flume. Day Creek.

I call this 'concentrated' as it represents the clean up tailings after about one month's run. Of this we can count on about 5 tons per day when the mine is operated the

7.

in tons masses in this mine.

Tomorrow I shall forward to Messrs Cutting & Lewis a Report on Mucene matters to date, a copy of which I will send to you to enable you to judge how ~~affair~~ are progressing in that connection. I have had my hands full in this matter but all goes well. I again mount the rostrum and proclaim that the Mucene is the "Boss Bonanza".

Your friends (whose early education seems to have been most damnably neglected if inability to write me a letter be a criterion) got into the best and largest mining scheme for the least money that has ever been presented in N.Y. And being your friends I am 'much proud' that the project I placed before them is going to be a sure and big success.

Trusting that you are enjoying the best of health & good fortune

I am Yours

Franklin

[INCOMPLETE]

Orville Cal May 19, 80

F M Laughlin

Noans

part of this letter

went to Dr. Hinds May 27, 80

Oroville Cal 19
Thomas A Edison

May 20, 1880
7⁴⁰ AM

Thanks for Telegram. Expired two
hundred & fifty pounds tailings
and wrote you fully today
drew on Cutting for first
mile ditch Monday Miocene and
Ore Milling all OK. Leave for
New York June first to return
here by July first

Tranks M. Laughlin

40 B.H.

Qroville - May 21. /80.

Friend Nelson:

I write you this "personal" fearing that if I mentioned the matter in my Report only, that, in your glance over the same, you might fail to take notice of that which I am very anxious about, which is this.

You will remember that it was agreed between you and myself that I might return for my family in two months time and in pursuance of that agreement I shall start for home about June 1st as I telegraphed you. The weather here is already getting into fighting trim for the hot season and as a matter of health and to beat the heat I must have my folks here by July. By starting about ~~June~~ 1st it gives you, Cutting & Lewis (to whom I have written of my intention of returning,) time to telegraph me anything you may want done before I leave.

In addition for my reasons for returning that I have mentioned above I have some very important matters to lay before the Co's. which written communications cannot do justice to -

Trusting this will suit you I am

Yours Frank M. Laughlin

1 Oppoille Cal. May 27. 1880

Thomas A. Edison

Menlo Park N. New Jersey

Powers can pass sand by
building a new undercurrent
It will cost about two hundred
dollars. Shall I build it?

20 D.H. Frank M. Laughlin
\$3.30 Tex. af. 6/7 am May 28

May 26, 80
7 McLaughlin
Crossville
Tola

Yes build it
Edison

JWH

208
9 Hb

Cambridge
Cambridge, Mass. 6

2	Long	2.00	✓
10	7th Long	25.00	✓
12	Cham and Chapman	20.50	✓
7	Leaving a Co. Chapman	4.00	✓
21	7th Long	25.00	✓
16	Cham	42.5	✓
19	Long Race	40.00	✓
21	Cham	17.73	✓
26	Long Race	52.20	✓
18	Cham	10.73	✓
28	7th Long	25.00	✓
28	Cham	4.95	✓
20	Long Race	35.17	✓
Jun 6	7th Long	25.00	✓
	Castings	2.7	✓
11	Long Race	34.00	✓
	Cham	34.26	✓
8	Cham	22.85	✓
12	7th Long	25.00	✓
5	Marks Burdette	74.24	✓
	Cham	6.35	✓
17	Long Race	39.50	✓
19	7th Long	25.00	✓
17	Postage & Freight	25.00	✓
17	Marks	74.00	✓
	Long moving into	2.50	✓
	Marks & Sons	1.57	✓
		796.10	

50
81
24

Cambridge
Cambridge, Mass. 6

July 19	chemicals	796.10
24	Pay Roll	1040 ✓
26	G. W. Langham	4660 ✓
26	Cash	2500 ✓
27	Cash advanced to bank	2500 ✓
27	Chemicals	2630 ✓
	Samples Ind. & Alar	2575 ✓
28	Chemicals	848.40 ✓
29	Cash	975 ✓
31	Pay Roll	6150 ✓
31	Slackony	6018 ✓
	Chemicals	2590
Aug 2	G. W. Langham	2500 ✓
	Slackony 28 lamps	3140 ✓
4	Copper Pens	232 ✓
4	Exp. recd	342 ✓
11	Books	425 ✓
	Chemicals	388 ✓
	Cash	350 ✓
7	Pay Roll	8600 ✓
	G. W. Langham	2500 ✓
		24544

258
 108
 308

149110
 3673
 14543

		1454.44
Aug 6	Cash	19 64
	Chemicals	91 24
17	Pay Race	36 00
	W. Langham	25 00
16	Chemicals	20 00
	Stamp & Envelope	12 00
23	W. Langham	25 00
20	Pay Race	36 00
15	Chem app	20 00
16	Cash	10 00
24	Chemicals	857
28	Pay Race	32 20
28	W. Langham	25 00
30	Chemicals	2443
	Express & for me	21 82
Oct 4	Pay Race	28 00
6	W. Langham	25 00
6	Chemicals	27 73
9	Cash add trib to Cus	400 00
11	Pay Race	28 00
10	Chem app	2 00
11	W. Langham	25 00
	Chemicals	3 80
20	W. Langham	25 00
19	Pay Race	28 00
		2555.93
		633

		2855.83
Sep 16	Cash - bank south	100.00
	Guano & Bar	19.27
20	Cumbeas	7.55
17	Park Race	25.00
	7.72 Long Run	25.00
25	Simmons Express Co. East	7.50
	Chimney	3.29
20	Simmons Express Co. East	25.00
2	Cash - Simmons Express	16.68
2	Park Race	20.00
4	Park Race	20.00
11	7.72 Long Run	25.00
18		25.00
14	7.72 Long Run	10.00
17	7.72 Long Run	7.38
16	Park Race	25.00
	Cash & 6.00	14.07
2	Simmons Express	20.00
23	Chimney	19.75
23	Park Race	20.00
25	7.72 Long Run	25.00
	Simmons Express	4.50
31	7.72 Long Run	25.00
31	Park Race	20.00
	Simmons Express Co. East	9.00
1	Blanchard	4.00
	66	
	7.50	
	1.50	
	300.57	
	ans	

		3002.57	
Per 8	7 M Langlen	25.00	
6	Pan. Race	20.00	
	Chumcoals	8.30	
13	Pan. Race	20.00	
	Chumcoals	16.10	
	Pan. Race	53.00	
	Chum	41.70	
79	7 Mcd	25.00	
	Cash advanced for traps	550.00	
	Chumcoals	10.23	
Dec 3	Cash withdrawn expenses etc	146.28	
4	Pan. Race	20.00	
14	7 Mcd Langlen	25.00	
11	Pan. Race	20.00	
13	7 Mcd Langlen	25.00	
	Hidden Expenses etc to balance	47.35	
13	Chumcoals	2.40	
16	Pan. Race	20.00	
18	7 Mcd Langlen	25.00	
25	Cash sent to Cae Mcd	100.00	
	Amount	23.26	
Jan 2	7 Mcd Langlen	25.00	
	51		
	60		
		5296.39	
		4301.19	

Minlo Park. June 28/
N. A. Harris
Cherokee.
Cal.

Your message of acceptance
received. No other
Frank M. Lough

75¢
Stamp 12 35
9 H^o

July 20th 1885
Clarence Cary
W. H. Building
197 Broadway
N. Y.
Send card immediately
T. A. Edison

W. H.

N.P.

Boston 30.

July 30, 80
1030-

S. L. Griffin

When will, medicine
stock book be ready
C. H. Lewis
7 P.M.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and RECEIVES messages only on condition, limiting its liability, which have been submitted to by the sender of the following messages, to the sending station for acceptance, and the Company will not hold itself liable for errors or delay in transmission or delivery of the messages.

The message is an **URGENT** message and is delivered by request of the sender, under the conditions stated above.

A. B. BREWSTER, Sec'y.

NORVIN GREEN, President.

Dated Boston Mass 30 1880

Received at London 7 30 80

To Stockton L Griffin

Neulopark

When will medicine stock
book be ready

C. H. Lewis

7 P.M. x 1030

READ THE NOTICE AT THE TOP.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on condition, limiting the liability, which have been accepted by the sender of the message. Messages are transmitted to the order of the receiving party. The Company pays no freight or charges for the transmission of messages. The Company will not hold itself liable for errors or delays in transmission or delivery of messages. The message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. B. BURWELL, Secy.

MORVIN GREEN, President.

Dated O'Fallon Cal. Aug 10 1886

Received at Mobile Ala.

To Thos. A. Edison

READ THE NOTICE AT THE TOP.

Telegraphed Lewis twice asking him if and when he is coming out but no reply to them want him badly matter of importance to me and help gain control for us of big bid which Chicago parties are fighting for can you stir him up Our men will write yourself and Barker fully this work all well

Frank M. Langley

6254

Md. H.S.

8.30 Am

OFFICE OF R. L. CUTTING, JR. & CO.

10 William Street,

P. O. Box 881.

New York,

1877

Orville Calvin to R. L. Cutting
Aug 18 1877

R. L. Cutting

I have this day drawn for
seventeen thousand dollars, ten thousand
- and for two miles completed ditch
accepted by me, seven thousand for
old property now owned by Mivcenc
Company dead recorded title for now
- ced perfect Mivcenc affairs in
splendid condition thirteen miles
ditch nearly completed flume well
under way mine being rapidly put
in condition for working water (now?)
running through upper ditch.
My report will be forwarded to your
self and Banker this week
All well, send Edison copy of this

Frank McLaughlin
Vice Pres.

V. A. Edison Jr.

The above is a copy of a telegram received from
Mr. Frank McLaughlin dated August 18 1877 for

Oroville. Cal. Aug 24th/80.

Friend Edison.

I enclose you herewith copy of my Report to Messrs. Branten and Lewis. After reading it (which I hope you will do,) please have Griff mail it back to me. It shows all that has been done up to date in 'Miocene' and is a true picture of the finest Mining operation in this or any other state.

I telegraphed Lewis twice, asking him if he intended coming out here. After telegraphing you that I had done so I received a despatch from him stating his intention of visiting Cal. in the Fall - that his business was now too brisk and that he would write - if he keeps his promise to come out as he does that of the one to write he won't see much of California. But I believe him to be a true, square, gentleman, and some day he will redeem his promise. My reason for desiring the Col. here (outside of Big Bend,) was for him to look into Miocene matters, so that he could show the Eastern backers of the mine the value of the property and the necessity of the works I suggest. Above all we require a Summer Reservoir above our head-dam. This we can secure by purchasing Crane Valley at a cost of about \$7000. then by building a dam and gate across the

outlet of the Valley we could rely on having from 3 to 4000 inches the year round. It is a matter that at some time must be done and now would be the time to do it, but it can wait until we have had a clean up or two when they will realize what a Bonanza they control and hasten to help it in every way.

We also want an Electric light or lights for the claim and about this my ignorance is of the most brilliant character. I do know that we have all the power we want in our pipe or ditch and in the River that washes (without soap) the foot of the mine, but what else you may want to know to assist you in manufacturing the lights we require is where my hair is dwarfed. Can they - the lights - be so fixed as to be easily reflected in any direction required and easily moved from point to point in the claim? We will want them along our 1500 feet of sluiceways and to light up the claim generally. We will start water on or about Nov. 1. so that we have not much time to spare. Please let me know all the particulars you want in this matter.

Now for a little Ore Milling - Powers did nothing in the way of undercurrents having had to move all his pipe, chiefs and sluices, to another point in his claim. He is still working to get this new point opened up and will not be through for a couple of weeks when he will commence building the undercurrent I spoke to you about. Nothing has been done with tailings at Spring Valley. neither do I think it worth while to do anything there until Jack and myself experiment on his sluices with the

underground we will build. The Duction boat of course, proved a failure so that we can't procure tailings from that source. Luckily, however, a new set of Humphreys are building a new boat called the Roy Stone Dredger. I'm to get tailings from the flume of this boat when they get to work. She will of course end in a 'bust up' but if the River sand contain pay by our process we may either buy her for junk iron and work her or contract with them to deliver us tailings at a stated sum per ton. I went up to Corbiers (the black sand tunnel) but found they had shut down but will commence operations again about Sept. I will then see on what terms we can get the black sand from them. The tailing boom in fact was about dead when I got back but I've got it started up again and when the mining season commences I'll galvanize it into a bounding buck of the Sierras. Hendricks just returned and he of course is filled to the ears with 'What I saw at Menlo'. This backs up my statement to the 'Mercury'. (which has been copied by several papers,) so that all goes merry as a March hunt.

EDISON REDUCTION WORKS.

What Will be Done—When, Where and How.

Being kindly granted an interview, Monday, the reporter gained the following information from Major McLaughlin regarding the Edison Reduction Works. A force of five men now now engaged at Menlo Park working on tailings from the Conatic mine. Another and larger crew is hard at work constructing a magnetic separator of fifty tons capacity per diem which will be used in the works at this place. Experiments made with the tailings from this vicinity, on a small scale, have proved highly satisfactory, but in order to make assurance doubly sure, Mr. Edison has decided to manufacture and test all the apparatus at Menlo Park before shipping. This will enable him to remedy any imperfections that may be discovered as a trial expense and also avoid the waste of time that would ensue were the untried apparatus shipped to the machinery. It is not yet in the works. The machinery is being shipped to this city in September or October and personally supervised the construction of the reduction buildings and machinery.

The Edison Reduction Works, which will be located on the site of the old Edison power house, will be the first of its kind in the world. It will be a great success. The first step in the process is to separate the iron from the tailings. This is done by a magnetic separator. The second step is to separate the gold from the iron. This is done by a process called 'flotation'. The third step is to separate the silver from the gold. This is done by a process called 'cyanidation'. The fourth step is to separate the copper from the silver. This is done by a process called 'electrolysis'. The fifth step is to separate the lead from the copper. This is done by a process called 'smelting'. The sixth step is to separate the zinc from the lead. This is done by a process called 'leaching'. The seventh step is to separate the tin from the zinc. This is done by a process called 'distillation'. The eighth step is to separate the antimony from the tin. This is done by a process called 'precipitation'. The ninth step is to separate the arsenic from the antimony. This is done by a process called 'sublimation'. The tenth step is to separate the bismuth from the arsenic. This is done by a process called 'distillation'. The eleventh step is to separate the cobalt from the bismuth. This is done by a process called 'precipitation'. The twelfth step is to separate the nickel from the cobalt. This is done by a process called 'distillation'. The thirteenth step is to separate the iron from the nickel. This is done by a process called 'precipitation'. The fourteenth step is to separate the copper from the iron. This is done by a process called 'electrolysis'. The fifteenth step is to separate the silver from the copper. This is done by a process called 'cyanidation'. The sixteenth step is to separate the gold from the silver. This is done by a process called 'flotation'. The seventeenth step is to separate the iron from the gold. This is done by a process called 'magnetic separation'. The eighteenth step is to separate the lead from the iron. This is done by a process called 'smelting'. The nineteenth step is to separate the zinc from the lead. This is done by a process called 'leaching'. The twentieth step is to separate the tin from the zinc. This is done by a process called 'distillation'. The twenty-first step is to separate the antimony from the tin. This is done by a process called 'precipitation'. The twenty-second step is to separate the arsenic from the antimony. This is done by a process called 'sublimation'. The twenty-third step is to separate the bismuth from the arsenic. This is done by a process called 'distillation'. The twenty-fourth step is to separate the cobalt from the bismuth. This is done by a process called 'precipitation'. The twenty-fifth step is to separate the nickel from the cobalt. This is done by a process called 'distillation'. The twenty-sixth step is to separate the iron from the nickel. This is done by a process called 'precipitation'. The twenty-seventh step is to separate the copper from the iron. This is done by a process called 'electrolysis'. The twenty-eighth step is to separate the silver from the copper. This is done by a process called 'cyanidation'. The twenty-ninth step is to separate the gold from the silver. This is done by a process called 'flotation'. The thirtieth step is to separate the iron from the gold. This is done by a process called 'magnetic separation'.

The brightest picture ever seen
but I also know that you

can, I know, be realized.
in person.

Another reason for my desiring Lewis here was that he could see (as an emissary for yourself and others) a splendid opening for an Electric Railroad. Right across the river from this town rise the high bluffs of Thompsons Flat and on the meadow like flat back from these bluffs this town of Oronville will some day be. Now it lays on a level with the river, subject to floods and malaria - there it would be some 200 feet above the river - on a broad plain sheltered from the North wind by the Table Mountain and cooled each night by the coast breeze. The greater part - estimated at about 70 per cent - of all the trade into the town now passes across this flat across the river bridge into Oronville. From the flat to the town of Biggs on the C. & O. R.R. is 12 mile of level agricultural country. An Electric R.R. from the flat to Biggs would, at a safe estimate, pay a profit of from 1 to 200 dollars per day and at the same time would be the cause which would plant this town from its foundations and rebuild it on land which the Govt Patent will gain for the Moenme Co. land not required for mining for the next 40 years. The right of way is owned by Cummings, Logan and myself. You may remember we planned to build a Railroad here. This right of way you can control and if you intend introducing the Electric Railroad in the West I don't know a better place to plant in.

Col. Logan and myself are also (tho' Gov. Perkins) about procuring a franchise for a R.R. to run into the Upemite. A Railroad of only

20. miles would enable tourists to enter right into the heart of the Yosemite from S.F. by rail, and would double the enormous number of tourists who now annually enter the Valley. With this franchise granted by the State (who own the Valley,) a Company could at once be organized to build an Electric R.R. with Grand Hotel &c. &c. &c. millions in it! This franchise will of course be yours.

I intended investigating, as you desired, the likely points on the Cen. + Union Pac. R.R. where such a pond as yours is required, but the field is such a large one that if I had got off at the different points, my life, even if drawn out to the lengthy span of Old man Methuselah of Bible notoriety, would be spent wandering along the iron track that so lovingly binds the East to the West - price, 1st class, \$139.

I gleaned the following information at places where your system is just the means of locomotion required.

Kearney Junction. Stages leave here daily, except Sundays, for the Republican Valley, and all intermediate points, carry U.S. mail. connection made with stages for every town in the Upper Republican Valley + Northern Kansas. Large amount traffic. Wood and water plenty. grade easy. ground slightly rolling.

Sidney -

The Black Hills business is of great importance. Two daily stages taking passengers through to Deadwood, 267 miles, fare \$50. less in summer. Freight in large quantities shipped on wagons. This is the shortest route to the 'Hills'. Road easy grade.

- Cheyenne. The principal outfitting point for the Black Hills. The amount of freight shipped from here is enormous. Now awaiting a R. R. to the 'Hills' via Ft. Laramie & to Montana. Road good, Water and wood along the whole route. distance - 266 miles.
- Rock Creek. Stage lines leave here for Fetterman connecting with the main Wyoming & Montana stage lines - an inexhaustable field.
- Green River. Stage lines run to the rich gold and silver Sweetwater Country. All freight for the Govt posts and Country to the Northward is hauled from this station. A Railroad would open up an enormously rich country now depending on stages.
- Winnemucca. Stages leave here daily for McDermott, 80 miles, fare \$15 - Paradise, 40 miles, fare \$5. Silver City, Idaho, 200 miles, fare \$40. Boise City, 200 miles, fare \$40. Fast freight teams run daily to all these towns and mining Camps in the adjoining Country. Considerable talk is being made for a Railroad, survey having been made.

The Waratch & Jordan Valley R.R. of Utah runs into the heart of the richest mining ground in Utah. It is a 3 foot narrow gauge - 16 miles in length. 8 1/2 miles are operated by narrow gauge locomotives and the other portion by mules. Alka, at the end of the present track, is a mining town of about 500 inhabitants. To the north, over the mountains two miles is King Cotton-Wood Canyon, to the south, 3 miles, is the Miller Mine and Forest City 4 miles. There are nearly 2000 mines located within

7.

five miles of Alta and some 12,000 people. The business of the R.R. is the transportation of ores and supplies to and from the mines. Hundreds of Cars are loaded daily. The portion of the road worked by the faster mules is about 7 miles long. The grade is about 600 feet to the mile. Curves in places 30 degrees. Here I should think would be splendid ground for Electric locomotion.

The above is not a drop in the bucket of the vast field now open through this Western Country - and the field is even more unlimited right in this state and neighborhood. All of which I sincerely hope to show you here in person this fall.

Having now got Western business in shape and affairs down to detail as you will doubtless see by my Report (copy of which I enclose) I shall write more frequently hereafter. If you can prevail on Col. Lewis or Mr. Gantner to pay us a visit for the Lords sake do so. The 'big things' that could be got by such men are simply numbers.

Don't forget the light for the claim. In my next I will let you know the number of telephones required for the ditch.

With thanks and best wishes I am

Yours

Frank McLaughlin

Oroville. Cal. Aug. 25. /80.

Friend Edison.

I enclose this letter in one to Bach so as to be sure and have it brought to your personal attention and to take up as little of your time as possible I will make it brief as a Chinawomans hoop.

1st As Cummings explains the Vanderbilt, Edison, Banker &c location was abortive but by gaining the old Lathrop - Zambotich - Humdly location Messrs. Logan, Cummings and myself now own Big Bend. Our title can only be strengthened by a Govt Patent which we are applying for and through certain influences will soon obtain.

2^d Whether your friends come into the scheme and float it or not you own all my interest, present or to come, in Big Bend. All that I ask is that you take care of Chas. Batchelor and myself in the matter.

3^d The proposition in a nutshell that Logan & Cummings make to me as representing Eastern Capital is this. We (Logan, Cummings + myself) turn over to yourself and associates the entire stock of the Company. 200,000. Shares: ~~after~~^{you} issuing to us, in paid up unassessable stock, 10,000 shares each and to the parties mentioned in the enclosed letter 10,000. With 100,000 of the 150,000 shares remaining you organize

2.

the Company with a working Capital of \$500,000. This amount will amply suffice to carry through the work - in fact \$360,000 will do it. In view of my statement as to cost of the Moccasin ditch I think I am entitled to confidence in my estimates.

4th The Co. pay to J. C. Logan \$3367⁵⁰ being the amount actually paid out by him.

If 100,000 shares are sold at \$5. each it gives an ample working Capital of \$500,000. and leaves 59,400 shares to divide between Edison, Banker, Guerne (Banker's friend,) Cutting, Lewis & Batchelor. In addition you have the distribution of my 100,000 shares.

If Banker, Lewis, Cutting & Guerne go into the scheme all they have to pay out is \$350. each. Cummings, Logan & myself do the same. This money will pay for drawings, Patent, Engineers report &c. They can easily with such a legitimate scheme organize the Co. and sell the stock. The operation is one that counts investigation.

450 days after work is started the tunnel will be cut through, the dam built and mining commenced. Edison, as pure as God, in seven years the Co. can clean up \$15,000,000. You know that hundreds of thousands are annually spent in uncovering or removing Mountains of non-aquiferous deposits that cover the channels of the old "dead rivers" - here is an old river uncovered and holding the accumulated gold of thousands of years.

The mountain the proposed tunnel will cut through, is honeycombed

3.

with shafts and drifts cut in the gold quartz veins that well up through it. How many millions are annually spent in "pinkling" in the dark on quartz veins? Now, in the legitimate pursuance of our work, the driving of the tunnel, we will be quartz mining 12,000 feet from the surface. Who can tell what Bonanza will be cut through at this great depth by us. It is one of the grandest operations ever undertaken in mining and will give wealth, credit and renown to all connected with it.

I satisfied myself by interviewing Mr. Allstrom in Chicago that he is able to carry out the scheme there - that he is very anxious to control it I know.

I have no more to say. You can call a meeting at Menlo of the gentlemen I mention - who all agreed to go in on the other location, in fact authorized me to draw on them - if they agree to float the Co., let me know by telegraph and I will draw on them for their assessments (\$350. each) and commence the survey.

I must know the decision by Sept 9. If you cannot answer by that date and want more time please telegraph me.

Yours

Frank C. Laughlin

Oroville Ca Aug 25, 1880
Frank M. Laughlin

Big Bend matters
Bydro returns to M. C. Sept 13, 1880

Wheeling Aug. 31st 1880
Edison Ore Killing Co
Gentlemen

Some time
since I bought one share of
stock, ^{in your company} at a pretty high figure
which held the same. I have
no desire to part with it, but
would like to know what ex-
pects, if any, have been made
to put the company into ac-
tive operation. I have heard
nothing of the company or its
operations for several months
would consider it a favor to
receive some information on
the subject. I am.

Yours &c
Wm. H. Kearne
1318 Market St. Wheeling W. Va.

Sept 16 1880
Sacramento Cal 16
Thos A Edison

Banker must be villainous he dont
understand and wont take the trouble
to find out what I am doing what he
authorizes one day he evidently forgets
or criticizes the next as for example
Big Bend. All I am doing was talked
over and understood before I left
See today's telegram to him in your
care. Big Bend taken by Chicago
seven thousand five hundred
dollars up as forfeit to commence
work within one hundred days

Frank McLaughlin

7607
209

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and RECEIVES messages only on conditions limiting its liability, which have been stated in the preamble of the following contract. Any person who transmits a message by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for any error or delay in transmission or delivery of the message.

The message is an UNDERWRITER'S message and is delivered by request of the sender, under the conditions mentioned above.

A. R. HARRISON, Secy. 152 NORVICH STREET, 1880

Dated Oroville, Cal. 18 1880

Received at 178 Market St.,

to J. L. Griffin

300 or 36 N. Mary Place

Many thanks they can

depend + go to hell.

I believe in them to the

extent of putting up

sixty thousand myself

Frank McLaughlin

12 DK Frank

Spx7

READ THE NOTICE AT THE TOP.

Blank No. 1.

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A. R. HARRISON, Secy. 152 NORVICH STREET, 1880

Dated Sacramento Cal 19 1880

Received at 178 Market St. 1880

to J. L. Griffin

36 N. Mary Place

My telegram of last night

simply a bluff to prevent

trouble at Oroville which

might be occasioned by

rumors of your last telegram

The stoppage of my drafts

placed me in a dangerous

position I have earman at

Sacramento to prevent business

getting known at Oroville

but answer all messages

from me to Oroville

Frank McLaughlin

54 PA

READ THE NOTICE AT THE TOP.

1- Sacramento Cal 19. Sept 29 80

Thos A Edison

Mendo Park 21.

Suspension now means ruin our claims
will be jumped the ditch seized by
~~Mechanics~~ Mechanics or other workers
destroyed at the start it was under
-stood that seventy five to eighty thousand
would be required for Cummings
five thousand for right of way
seventy five thousand for Bonded
property which subsequent

Instructions regarding Ord property
raised to twelve thousand and
for mortgage to June say thirty
three thousand now when I draw
Eighty three thousand they talk
of suspending which means
forfeiture of all they have paid
in I send this from Sacramento
to avoid trouble here answer
cautiously to Orville
99 RD - Frank McLaughlin

207 Oroville Cal Sept 30/80

Chas Batchelor
Minto Park N.J.

Draft of fifth draft drawn on
Edison Minto Park N.J.

Griff will explain trouble about
former draft so that you may
be able to fix matters all well

26 St. E. J. M. Laughlin

3.15 p.m. Dec

From Chas Batchelor
To Mr Garrison

T. A. EDISON,

Menlo Park, N. J. _____ 1880.

Telegram

Oct 1st 1880

Oroville, Cal. 30th Sept.

T. A. Edison

Wish to draw five
hundred dollars on account of
Doc Milling before I start
East who shall I draw on
Answer

Frank McLaughlin

J. F. MAHONEY,

Formerly with MOLLAY & CO.

CITY, COUNTY & STATE BONDS,
No. 15 WALL STREET.

SPECIALTY, ALL SECURITIES NOT DEALT IN ON THE NEW YORK STOCK EXCHANGE.

file
J. A. Edison Esq.

New York, Oct 20, 1880

Dear Sir

I am the young man
who met you on Broadway the other
afternoon and you told me if I could
get a couple of Shares of Ore worth
about Seventy Five you would
take it looking around I found a
party who has 3 Shares to sell
at Eighty (\$80) a Share so if
you would like to have them you
will please send word to
Charles H. Deacon at the above
address and if not sold on receipt
of your answer I can get them

Yours Resp^{ly}

Charles H. Deacon

Care of J. F. Mahoney, 15 Wall St.

No. 0448

Dated, Oroville Cal 30

To R. L. Cutting Jr

19 William Stuy

Batteries saw mill on which we depended for flume lumber
destroyed by fire they are rebuilding rapidly with our assistance
and will not delay our starting the mine more than about
three weeks have worked day and night to procure lumber
elsewhere without avail everything else in magnificent condition

49 pairs of
Frank McLaughlin

49 pairs juv.

Frank McLaughlin

READ THE NOTICE AT THE TOP.

Oroville Cal. Feb 10th 1860

Messrs James H. Baughen & R. L. Cutting Jr
19 William St New York

Gentlemen:

Prior to my last visit to New
York Mr Cummings & myself most care-
fully investigated every foot of ditch and
flume work both complete and under way
as well as the condition of the Mine and
all things bearing upon the completion of the
ditch and the opening of the claim.
The result of this investigation assured
me that the ditch would be finished and
the claim opened by Nov 1st as I stated
at our meeting of directors in New York
on my return here I learned to my most
bitter disappointment that this could not
be done for the reasons stated in Mr
Cummings letter which I enclose herewith.
I have preferred that Mr Cummings
himself should now state the reasons to
the Company as I do not care to again
assume the responsibility of fixing
upon the precise time for finishing or
stating the exact amount which will be

required — I most respectfully ask
that due attention be paid to Mr Cummings
letter as it expresses not only his views
but also the opinion of one of the most
eminent Gentlemen in the State Col. James
O. Legaw the business partner of Gov. G. C.
Perkins and an old resident of this place.
I have been much disheartened with the
condition of things so different from last
assurances to the Company as to the date
of opening the claims and the amount re-
quired to complete the ditch. My figures
to you for total cost of ditch were 90,700
subsequent developments have raised this in
my judgement to 98,000. Although Cummings
thinks it will not be that much — Cummings
is so much chagrined over the matter that
he has authorized me to say that he will
freely pay all that the ditch costs over
and above the amount I stated in New
York viz: 90,700. Provided the Company
will allow him say four months time
after the mine starts in which to ne-
gotiate the sale of some of his stock
among his friends. He has already drawn

\$87,000 that is to say we will require
about \$43,000. instead of \$34,000. I stated
at our last meeting. This sum will
complete the ditch, open the claim, pay
for my good Patent Land to be purchased
Telephonic line. Building &c &c. My former
letters and statements have placed me in
error as to my belief in the value of
the Museum property and until such time
as the mine is opened and everything mining
when it will show itself to be the Druggie
I have claimed it to be! - I am dumb -
No property ^{of such value} has ever been bought for twice
the sum paid out on this. I have worked
day and night since my return to keep my
word with the Company but it has been a
weak fight against nature and I have
been taken to some extent although not
defeated - Now looking at the situation
with a mixture of a bitter disappointment
to check our cold anticipations I yet
believe we shall be doing good work in
our claim before the 10th of December
I have concluded not to build the buildings
on the flat until spring. This will avoid
the outlay of \$1600.00 - the estimate I gave

you. My figures I gave you for the
Telephone line were \$2500. but I have made
a contract which will build and equip
it in first class style for less than \$2000
It is now under way and will be finished
by the time the ditch is finished. Very
much to my surprise and gratification in
fact to the surprise to all concerned we
shall secure our patent on the ~~Marysville~~
~~Blk~~ ~~priority~~ with only one adverse claim
and that one a claim which the Land Office
at Marysville will not recognize. This
gives us about 120 acres of rich mining
land more than we in our rush sanguine
moments anticipated - It will of course
raise the estimate of cost of patent as
stated to you but still with the increased
amount of land it cannot exceed \$2000.
On the 2nd inst I drew on R. L. Cutting Jr
treas for \$10,000.00 I paid over \$7000.00
to My Cummings & Co banked \$3000.00 on
account of the Miramining Co. I forward
herewith Cash report and vouchers, Pay Roll etc
showing the disbursements for the month
of October we find it impossible to close

the Pay Roll. obtain receipts and close
our monthly accounts much before the 10th
of each month as our operations cover
35 miles of territory. I propose if it
meets your views to forward a semi-monthly
and monthly statement or report of
our operations when we finally commence
business

Very Truly Yours

Copy.

F.W.L.

Nor

Nov. 24, 50

May Frank McLaughlin
Croville Ala

Edison has put your
stock on the free list
It will not be assessed
Chas Batohelot

1425H

505
500

Dec. 10th

Messrs James H. Rankin & J. L. Cutting Jr.
19 William St New York.

Gentlemen:

In forwarding my report with statement
of expenditures, vouchers etc. I am compelled,
very reluctantly to speak again of delay
and crave your patience while assuring you
that we are nearing the end although moving
at a very slow pace. - I have the
satisfaction of assuring you that no effort
has been, or will be spared to bring the
matter to a close at the earliest moment
possible. We are all working night and day
against the elements to complete the two
hundred feet of flume necessary to bring
the water into the chain. As you are
aware from my former letters, our tunnel
crosses from a high altitude in the Sierras
through a V flume nearly 30 miles in
length. Usually no considerable body of
snow falls earlier than January and there
is generally an increase of water during
October and November. This year all
these conditions are reversed - at the

date of my last letter we were praying
for rain which finally came. Probably
not in answer to our prayers however as
it was fully six weeks later than usual.
The rain was followed by a "cold snap"-
snow and ice - an almost unprecedented
combination of circumstances here in the
early winter months. There came the most
violent wind storm ever known here.

Over one mile of the Lumber Co
vflume. In this connection I have the pleas-
ure of stating that not one foot of run
four miles of flume was injured or even
thrown out of line. This is a certificate
that no other Mining Company in this
section can produce as to the quality
of materials used in construction and
the skill with which they have been put
together - Cummings had used over a
million feet of lumber already, and
the delivery of the last 200,000 ft received
has occasioned more delay from the cause
stated than the delivery of all the rest.
As from week we have only been able to
obtain 40,000 ft. 2500 ft work in yesterday

and the lumber men think the balance can be delivered in ten days if the present mild weather continues so long. The claim is all ready, with pipes laid chiefs in position. Flume and undercurrents finished. reservoir completed. gates in place. in short our mine is equipped throughout in A. No. 1. shape and ready to give a good account of itself from the moment the water is turned on. Our telephone line has been retarded considerably by the recent storm but the poles are set to within some miles of this place. the wire is being stretched and a few days more of fair weather will see that work completed. The Miners and mine owners are unanimous in the opinion that our telephone will pay for itself in a few months by the saving of labor, the prevention of breaks in the ditch and the possibility of concentrating our forces when and where needed in a few hours in case of emergency. I have devised a plan whereby our ditch tenders will report to the office every three hours from each station on the line, and as the room of our superintendent

My Harris as well as my own will have
Telephone connections with the main line
we shall always be able to know the exact
condition of things day and night along
the entire direct from the claim to the head
dam. I need not speak out to you the
advantages of this arrangement

Our application for patent for
nearly 475 acres of land on Thompsons ~~the~~
(the 116 acres we purchased from Ord is
patented) is well under way, although
retarded by my not receiving the certified
copy of articles of incorporation for
which I have telegraphed and written
several times. The articles officially sent
to me by My Lord were those of the

Butte County Mining Company and
of course correct—on all of our business
has been done here under the name of the
"Wireless Mining Company" and all our
deeds are recorded in that name.

The Power of Attorney I hold is also
made out in the name of the Wireless
Mining Co. If the name of the company
has not been changed it should be—

attended to at once. I telegraphed this in substance to Mr. R. L. Cutting JA and am anxiously awaiting the certified copy of articles of Incorporation of the Mireux Mining Co or some document which shall show that the name has been changed as above stated. I have executed and placed on record a deed conveying all property held by me in trust to the Mireux Mining Co and have directed the Patrick to issue to that company. You will be made aware in a very short time that we possess a most valuable property owned by our Patrick. Much chagrin is felt here ~~among the~~ ^{by the} old residents because they did not "beat" the property we have secured - several of the parties have admitted to me that if they had supposed it could have been done without endless litigation - which they expected we would have - they would have got it long ago. In a considerable portion of our success ^{in this matter} we can thank the influence brought to bear by Col. J. C. P. Gaul. He has managed to get through with but one adverse claimant and he was ruled out of court in the

District Land Office at Marysville on a contract with him for a few acres. It is not likely he will appear in Washington and if he does we shall dispose of him as easily as we did at Marysville. I have succeeded in closing a negotiation on the 6th inst with parties who owned probably the best ~~summit~~ Reservoir site in Butte County in point of location and cheapness with which it can be made available to hold 150 days (of 24 hours) run of water to be stored up against any possible emergency of drought or to sell to miners along the line of run ditch as you may see fit. We now control all the mining region contiguous to our line of 35 miles of ditch as well as in Shilbrook Valley - the new reservoir site - by owning all the available water rights. Sup't Harris regards this last acquisition as one of the most valuable we have yet secured. His many years experience with the Spring Valley Co. taught him the value of a large storage reservoir as a provision against very dry seasons - Mr Cummings had commenced negotiations for a reservoir site

in Crane Valley months before the David
property was brought to your notice
and although he made an effort to conduct
his negotiations in the deepest secrecy it
leaked out and now the price of the prop-
erty is made \$10,000. for as one of the owners
told me "Unw^{ed} got to buy us." But I de-
termined to shut these Hackwailers, and
while we kept up the excitement about
Crane Valley we quietly explored the neigh-
boring region and found Philbrook Valley
to be more desirable to us for a reservoir
site - I have bought out every interest
there and we own the entire valley at a
cost of about \$1050. under a clean title.
We can use it at any time in the future
and often we shall have made a few "clean
ups." I know that you will endorse my
policy of expediting our Brown which can
be done by building a dam at the neck of
Philbrook Valley and so turning it into a
reservoir which will give us water to
mine at three distinct places as well as
we can at two as now contemplated -
I have frequently assured you that my
ditch would be the controlling power in
[2]

in this region. and I can truthfully state
that it is so now. Even the Hendricks people
whose ditch and improvements cost over
\$400,000. have come into the fold and ac-
knowledge that we have taken them in
the case for Thompsons Plot they fought us
in every way to prevent our coming through
Morris Ravine. even to the extent of
attempting to mine out our ditch where
it crossed their claim. they now propose
a treaty of amity to which of course I shall
give due consideration - In fact we are in
a most delightful condition of peace with
all the world out here, no lawsuits on hand
none threatened - with the single exception
of the Slaughter House People
I have mentioned and they can do us no
harm beyond a slight delay in issuing my
patent. But as they have been ruled out
of Court in the District Land Office I don't
think they will incur further expense. We
have settled fair and square with everybody -
and consequently have the good will of all -
This is a contract with all other companies here
as is shown at every term of Court

My Spring Valley Co. the Hendricks Co. the
Bauer and others all king on hand with
numerous law suits and paying more for legal
services than we have for our land

I am more confident than ever with each
days investigation and each days additional
knowledge that we have the best mine and
the best equipped mine & ditch in the State
of California all that is needed is patience
for a few weeks longer to see that my
written opinions are followed by golden rule.

The original proposition made to you was,
that the ditch should cost you \$75,000 to \$80,000

Day	\$8,000
Right of way was allowed \$250 per mile by	\$5,000
Mortgage and interest	by \$1,400
Cummings Salary (allowed by My Banker)	\$3,600
	<u>\$120,000</u>

It is now proposed by Ch. Logan, My Cummings
and myself (owning a majority of the stock held
here) that all money paid over and above
this \$120,000 up to the time of starting
the mine shall be paid back to you in
the following manner. Let 50% of the Net
proceeds of the mine be used to pay dividends
and let 50% be used to pay off the —

indebtedness over and above the paid \$120,000.
This course would free the property from all
incumbrance in a few months, and none of
the other stockholders could consider them-
selves "squeezed" by the others. I hope this
proposition will be acted upon as soon as
practicable - The ditch is so nearly completed
that the gentlemen are anxious to know
about their stock and when they may expect
to receive it. Mr Cummings is very anxious
to have me receive a call for fifteen hundred
shares of this stock which he wished to
hypothecate the Bank here to borrow some
money to pay some debts which annoy him.
I telegraphed you for instructions about
it nearly two weeks ago but up to this
time I have received no answer.

In concluding I would respectfully ask
that immediate action be taken on the propo-
sition I have sub-mitted regarding the repay-
ment of money advanced over the original
estimate - I would also respectfully urge
that a committee be appointed to enquire into
and investigate all matters I have referred
to, seeing is believing. - If you will only

come and see for yourselves or through the
eyes of a committee I will ask for no other
indorsement of my acts or views than such
a committee will recommend.

Mr Cummings considers his books
and accounts as belonging to the Company -
subject to any examination desired by the
Company. Should the committee, for which
I have asked come out he will expect them
to make an examination of his books papers
and accounts as I would invite them to do

I am Gentlemen

Yours Truly

J. M. L.

Copy.

PRESIDENT:
Geo. H. Davis.
VICE-PRESIDENT:
Geo. H. Davis.
TREASURER:
John E. Galloway, Jr.



RESIDENT VICE-PRES:
Geo. H. Davis.
SUPERINTENDENT:
Geo. H. Davis.
New York Office,
No. 10 William Street,
near Wall.

Oroville, Cal Dec. 16th 1880

My dear Editors,

I'm like the boy who shot the bird - I've not a word to say in my defence on not finishing the Miocene ditch by Nov. 1. I enclose you copy of my Reports to Brantley Lubing. Do try and spare time to wade through them. The pathetic wording may prove to you that it is no fault of mine. I figuratively club myself daily for not taking your advice, if I had I would not have made such positive promises about opening by Nov. 1st. It is the only time that you gave me advice that I did not follow it and if I do it again I hope I may be fed through a keyhole with a quinet for the balance of my miserable life.

There are two facts that comfort me - First, that we have the best mine and ditch in California and secondly, that no man could do more to keep his word than I did. When I came back in Oct. from my last visit to New York I pulled down the scales at 199 ^{cts}. Now, with the aid of an overcoat and profound faith I kick the beam at 184 ^{cts}. Alas for the prize bag - The last adipose tissue is retracted along the line of the Miocene Canal.

I won't go into glowing accounts about the sure success that must follow

the advent of our water into the claim. You know, Edison, I could not lie to you after all you have done for me - and if the Miocene does not prove to be the Bonanza I have sworn it to be then I am the most ingrateful son of a bitch of modern times. I can't plead ignorance - if it is not all I claim it to be I have deliberately swindled you and your friends. About the friends I'm free to say I don't care much. but they are your friends and treachery to them would be treachery to you and if I'm guilty of that then Judas Iscariot is born again - and I'll even beg his pardon. Have patience and I'll prove that your trust in me is founded on bed rock.

- You will see (if you read my reports which I had copied so that it would be plainer than letter press copy.) what an A.N.I. prize our telephone line is - in fact as all matters of interest respecting Miocene are fully gone into in those brilliant documents I'll drop Miocene and refer ^{you} to them.

With the advent of the Mining season the tailing boom commenced and I have fostered it into as glowing a flame as it ever was.

I have had continual tailing sharges to drive off of our Ore Milling grounds and I can proudly brag that I have beaten them all. The Fancher- Blair Concentrator people (whom, between our August selves had a "big thing,") have folded their grip sacker and lit out for Hell or Arizona. I worked on Jack Powers so that he refused to contract with them. Then came a Mr. Vandermann, a regular dead beat. he had some words about the matter

with me and commenced to quote some pernicious newspaper article about you. I dropped him and he dropped the subject. He left the next day for Freshfields and tailings now. Now comes a Mr Ross, a friend of Cummings, and he is going to turn every thing into gold. Cummings tells me that Ross is a harmless old gentleman whom he in the goodness of his heart is helping to make a living. as I know Mr C I also know that if he could make money over his best friends (and as you lifted him from poverty to comparative affluence he should so regard you - but "Put a beggar on horseback etc.") he would do it and if there is anything in the Ross packet he will do his level best to help Ross along even if it injured us. But as Cummings is cordially disliked all through the County and dare not offend me I will soon settle the hash of the Cummings-Ross Ore Milling Co.,. Of course Cummings pretends to me that he believes Ross to be a simple visionary but I know he puts up the Ducats for Mr S. Visionary and he's not the kind of Rooster to do that for love or money - charity. In fact a luxurious end is traceable in this Gentlemen's ambrosial looks - May God pity him if I ever have to clutch him. I would only write to you about him and therefore beg you to treat this letter as Very confidential.

Jack Powers (who's tailings from his visit to you are looked upon as the Bonanza,) is the whitest man that adorns this football. he told Ross that he could work on his tailings for a time but that he'd see him in Hell or

put him there before he'd interfere with Edwino's Contract. Windriels and the Big Bear take the same ground and so does Waldyer of Spring Valley. The S.V. Co. have just made a "Clean up" (\$76,000) and next week I will ship you a bag of tailings. Of the kind I will ship we can count on a thousand tons a month if you will invent suitable devices for saving them which I know you can do once you are on the ground. When you come out here I truly believe that you will open up such a field of wealth that the telephone will be a 10¢ side show to it. I'm not exaggerating - any man who sees the vast amounts of tailings laying around the ruins of this country and knows that they represent the workings of gravel in days when the hardy Galathea carried his luck and his eyes if he couldn't look his ounce a day and now sees thousands of Chinese and a few whites making a living by working and reworking these very tailings in some primitive manner, can't doubt but that the day will come when prudence will take this Contract in hand and pay its fellows with riches untold. Again I believe that the S. Valley dump (owned by the E.O. Milling Co.) contains more money than will be taken from the mine itself for the next five years and I also believe that a simple feat of engineering will lift and replace these dump tailings and take out \$200,000. Anyway I am a gilt edged Ecstasy in Butte County and no one can mine the ground mine taken till you have tried it and abandoned it. Hark to the toot of my silver clarion, Old man.

I have written Batch fully about our Mission, Big Bend, and Table Mt. matters. he will tell you all about it when you have time to listen. On Big Bend I believe I am able to in part repay your kindness and generosity to me. You can't doubt but "Big Bend" is all that is claimed for it.

The Boston Company who started in on their ditch some four months before we did have backed out. We haven't or won't. You may remember a prig named "Reynolds, of Boston", a shining light of this Company. He called on you at Menlo about working their tailings when they started up. He sent a letter requesting to enter into the contract we prepared for the Ore Milling biz. without your attacks about a dozen "elaborated" clauses which you refused to do. All this happened last January. He also thinks "this Edison tailing business is a fraud", and so told Col. Logan, when, greatly to his surprise, that urbane gentleman told him he was a God damn fool. Logan is all powerful here so Mr. Reynolds of "Boston" drew in his horns like a ewe and admitted he was mistaken. He goes East Monday, if he ever calls on you again and is provided with a clean bill of health invite him to kiss your ass and when he comes back here I'll kick him for not doing it.

I told Logan I was about to send you a Mangarite stick for New Years so he insisted on sending it in shape. I know you don't care a damn for such things but he was so anxious that I gave in. Sam Cummings insisted on being allowed to chip in and the result is that by New Years

you will receive a cane that would turn a Parish headle green with envy.

By the way, Old Man, why don't you send Joe Hendly a note about the pipe he sent you by me. Joe would feel bad if he thought you ignored him but I've lied charmingly and numerously about the matter so "all goes well".

Now for business again. The Ore Milling Co, over the Right Rev'd Mr. Laughlin, has a \$250. salary for the month of Nov. Now as December will be over before you receive this letter I will draw on you for \$500. to cover that month also. Or better still (now pin your ears back,) I'll draw on you for \$1000. being \$500 for the Months of Nov. and Dec. on which the salary is due and \$500. to cover January and Feb. prospective. It will be placed in Bank here and of course only drawn when it is due me. By doing this the fellows in the Bank here won't know anything of my private business - which they naturally will if I draw on you monthly. I trust you know that if I could live here without the Ore Milling salary I would do it but I can't - when the Mine is opened and the first dividend declared if I can live on my share of it you'll never hear the word "salary" from me again. Anyway when the 1st mile of Big Bend tunnel is out I'll be worth \$50,000. Yum yum. If its agreeable to you I'll draw on you for a \$1000. on Dec. 28th if not telegraph me and I'll await your advice. Please don't delay if you do telegraph me.

(over.)

With best wishes to you and yours and making you all a
Merry Christmas & Happy New Year
I am
Yours

Frank P. Laughlin

John M. Porter.
Cassius H. Lowrey.
Geo. White Stone.
Chas. Francis Stone.
Geo. S. Hamilton.
Wm. L. Fowler.

Porter, Lowrey, Stone & Stone.
Attorneys & Counsellors at Law.
No. 23 Broad St. New York.

P. O. Box 1836.

-----Dec. 20th, 1880.-----18'

To Board of Directors of Edison
Ore Milling Company, Limited.

Gentlemen:---

I hereby resign my office as director of your company, and beg that I may be notified of the receipt of this, and of the acceptance of my resignation by your Board, forthwith.

Respectfully,

John M. Porter

Stockton L. Griffin,

Secretary of Edison

Ore Milling Company, Limited.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, having its liability, which have been assumed by the company in its charter, and in its contract with the Government, and the Company will not be held liable for any loss or damage to the property of the sender, unless the conditions of the contract are complied with. The Company is not responsible for any loss or damage to the property of the sender, unless the conditions of the contract are complied with.

A. H. DREWES, Secy

NOVIN GREEN, President.

Dated New York Dec 27 1879

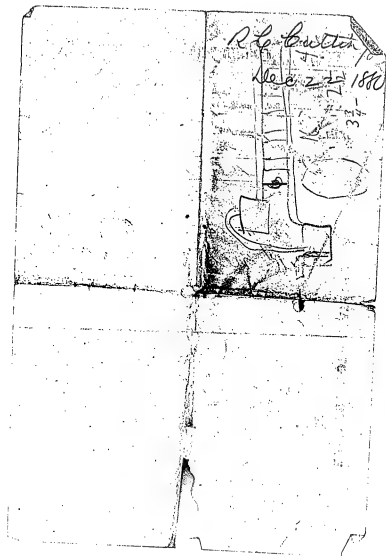
Received of Mr. R. C. Edison

Merced Park

READ THE NOTICE AT THE TOP.
Mr. Laughlin's telegraphs today
back new year's eve
morning interference
bad

R. S. Cutting Jr.

9 paid
R. S.



John K. Porter,
Governor of Lowry,
Geo. Wales Sten-
ton, Henry's Sten-
ton, S. Hamilton,
Wm. L. Porter.

P. O. Box 1836.

Porter, Lowry, Sten-
ton, & Counselors at Law,
No. 3, Broad St. New York.

Apr 23 1836.

Mr. Pilling Co.

Dear Mr. Griffin. Mr. Eason said this
other day that there were certain
patents which were to be assigned to
this company. Let me have them
as soon as you can. If there are
inventions only not yet patented, send
me a description of them. Mr. Correll
says Mr. Michal is attending to them.

Yours
J. K. Porter

P. F. MACDONALD

P. F. MACDONALD

MACDONALD BROS.

COMMISSION MERCHANTS,

-FOR THE SALE OF-

LUMBER, COAL, RAILROAD TIES and WOOD

No. 106 WALNUT STREET.

and Philadelpha, Dec 27 1889

J. E. Brown

J. E. Brown

Belmont
Whit
to
the
Mr. A.
Bry

Dear Sir,

Several months ago I was induced to purchase some of the "Edison's Milling on stock" of late I have not been able to find out anything about it whether the company was in existence or if the process had been given up, and thinking that if I inquired as the fountain head I might receive some information about it I took the liberty of trespassing upon your valuable time.

Trusting that I may derive some knowledge of the fact from you for which I will be exceedingly

My dear Sir
Yours very truly
J. Macdonald

The Ore Milling Co Is alive and
a small portion only of
~~Richmond~~ The money in the treasury
of the Co is being used here to
conduct experiments in perfecting
means & methods of working low

J. Macdonald
Dec 31/80
Ore Milling Co

grade ores of different varieties
process has been completed and
Two of the three processes have been
nearly so. & patents have been taken
out on them, When I have made
a commercial introduction of
the Electric Light ^{as part of} I shall then
have time to place the Milling
Co in a position for doing a lucrative
Milling business with the processes which
I have

Yours truly J. Macdonald

2 - M.A. 12/29/80

7 MacLaughlin

Oroville

California

~~you~~ you may
draw for one thousand

7 a z

6PM

Jo. P.

9,30 PM

Red 2, Orville California 30 Dec

Prof Thos. A. Edison

Weather fair completion ditch progressing
rapidly floated through eighty three and
feet flume lumber to day. Cant get
those New York roosters to answer
my ~~summers~~ numerous letters and
telegrams asking for copy of miscene
articles of incorporation the issuing
of our land patent delayed for
my want of said copy please stop
cutting up draw on you to day

one thousand Dollars many
thanks receipt by mail

Frank McLaughlin
64 paid $\frac{1}{2}$ rate

C-2 930 am

J.U.

McLaughlin
page 302
1888

W. Amos

T. A. EDISON,

Menlo Park, N. J., 1880.

Jas Banker
Irvington
N.Y.

Come to Menlo Monday
Eleven train Lewis and
McLaughlin uneasy says he
ought to go to orville at
once answer

Edison
R

THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assumed in its order of the following terms:

It is the policy of the Company to insure the prompt delivery of messages, and the Company will not hold itself liable for service or delays in transmission or delivery of messages under the conditions stated above.

A. N. SREWER, Secy.

MORVIN GREEN, President.

Dated Boston 18 188 0

Received at Mr. A. Edison

Memoranda
N.Y.

Will attend this com
meeting Monday
Outings New York

Charles P. Lewis

7 Paid to
X 2pm

READ THE NOTICE AT THE TOP.

THE WESTERN UNION TELEGRAPH CO. OF U.S.A.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which have been accepted by the sender of the following message.
 There can be no liability on the part of the sending station for transportation, and the Company will not be held liable for any delay in transmission or delivery of the message.
 The message is an UNRECEIVED MESSAGE and is delivered by request of the sender, under the conditions stated above.
 A. B. BREWER, Sec'y. NORVIN GREEN, President.

Date Oroville, Cal. 15 188 0.

Received at Thos. Edison

READ THE NOTICE AT THE TOP
 I have made one draft
 on you for four hundred
 and - Batch can settle
 with you. Let me know
 of. Banker wishes me
 to investigate the Cohan
 parties from this is
 important affairs
 all O.K.

Paul McLaughlin
 345 High 7pm
 4

THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and RECEIVES messages only on condition, limiting its liability, which has been accepted in by the sender of the communication.

Receipts shall be signed by the sender of the communication, and the Company will not hold itself liable for errors or delays in transmission or delivery of the communication.

All messages are FOR UNREPEATED TRANSMISSION and are delivered by request of the sender, under the condition stated above.

A. R. BREWER, Secy. NORVIN GREEN, President.

Date Novelle Cal 21 1880

Received of Prof. H. Edison

READ THE NOTICE AT THE TOP.
 Has McLaughlin started
 who comes along have
 drawn five thousand on
 cutting griffin notify him
 dated Excavation finished
 works

G. W. Cummings

21 Oct 21 142 pm

No 2 Cincinnati 17

Thomas A Edison

Merle Park

M.D.

Shall return from
Ohio first of next
week will meet
McLaughlin and
officers of miocene

Charles H Lewis

15 paid $\frac{cc}{x}$ 6:40pm

ADVERTISE HERE

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which shall not amount to by the sender or the receiver of the message.

Messages can be sent only by depositing a message book in the sending station for completion, and the Company will not be liable for errors or omissions in transmission or delivery of messages.

Messages are sent UNRECEIVED MESSAGE and is delivered by request of the sender, under no condition whatsoever.

A. H. BROWN, Secy. 4 NORVIN GREEN, President.

Dated New York 20 1880

Received at

To L. H. Edison

W. P.

READ THE NOTICE AT THE TOP.

I received msg from you this morning reading "Send said immediately" what does it mean & refer to

Clarina Cary

18th St. 84 140pm

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and RECEIVES messages only on condition, limiting its liability, which is set forth in the regulations of the International Telegraph Union.

Messages are received and sent only by depositing a message card in the sending station for acceptance, and the Company will not hold itself liable for errors or omissions in transmission or delivery of messages.

This message is an URGENT MESSAGE and is delivered by request of the sender, under the conditions stated above.

A. H. BROWN, Secy. 107 MORVIN GREEN, President.

Dated New York 20 188

Received of Mr. J. B. Edison

READ THE NOTICE AT THE TOP.

What particular
said and how big
a load is wanted
will be happy to
attend to it but don't
understand exactly what
pay must be referred to

Charles Cary

26 Dec 11 am
You wrote me a letter
saying you had some
uniforms said for me -

THE WESTERN UNION TELEGRAPH COMPANY.

This Company's telegraph and cable lines connect every point on the globe, and its stations for telegraphing and for the transmission of messages are situated at intervals of ten miles or less. It is the only company in the world that can deliver its messages in the shortest time, and it is the only company that can deliver its messages in the shortest time, and it is the only company that can deliver its messages in the shortest time.

MORVIN GREEN, President.

Deposited at New York 21 188

Received at Edison

To Meulopark

READ THE NOTICE AT THE TOP.

Some mistake I did
not write such a
letter when your
messages came I supposed
was said to be long
for money & to refer to
some expected payment
hence my father's answer
Please find and send me
that letter signed in my name
44 D H Ho
et al
Clarance Cary
answer over

THE WESTERN UNION TELEGRAPH COMPANY

THE WESTERN UNION TELEGRAPH COMPANY
INCORPORATED IN THE UNITED STATES OF AMERICA
OFFICE OF THE GENERAL MANAGER
NEW YORK CITY, N. Y.

NEW YORK, N. Y., 1894

TO THE HONORABLE SENATE OF THE UNITED STATES

IN SENATE, FEBRUARY 1, 1894

REPORT

OF THE

COMMISSIONERS OF THE GENERAL LAND OFFICE

IN RESPONSE TO A RESOLUTION PASSED BY THE SENATE

AT ITS SESSION, DECEMBER 11, 1893

AND BY THE HOUSE OF REPRESENTATIVES

AT ITS SESSION, DECEMBER 11, 1893

AND BY THE HOUSE OF REPRESENTATIVES

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AT ITS SESSION, DECEMBER 11, 1893

AND BY THE HOUSE OF REPRESENTATIVES

AT ITS SESSION, DECEMBER 11, 1893

WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assumed by the sender of the message. The Company will not be liable for errors or delays in transmission or delivery of messages. The message is an UNREPEATED TRANSMITTAL and is delivered by request of the sender, under the conditions stated above.

A. H. BILBREW, Secy.

NORMAN GREEN, President.

Dated Proville, Cal. 14 188 0

Received at

of J. L. Griffin

Meudo Park

your telegram of 20th and
 21st only now received having
 been away ten days in
 the mountains prospecting of
 uranium has arranged matters
 Many thanks for letter will
 send report you suggest
 write you tomorrow all
 O.K.

Frank McLaughlin

38 & H Gu
4

(72)

15

READ THE NOTICE AT THE TOP.

THE WESTERN UNION TELEGRAPH COMPANY.

The COMPANY TRANSMITS and DELIVERS messages only on conditions limiting its liability, which conditions are printed on the reverse of the Company's message form, and the Company will not be bound to deliver a message until it is received at the station for transmission.

The message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions herein stated.

A. H. GREENE, Sec'y.

MORVIN GREEN, President.

Dated New York 30 1886

Received of W. D. Smith

To W. D. Smith

READ THE NOTICE AT THE TOP.

When will Major
McLaughlin be in the
City
W. D. Smith (7)

Spaid House 1204

(Signed?)

This agreement made and entered into this day of
A.D. 1880 by the between the "Morris Ravine
Mining Company" a corporation organized under the laws
of the State of Indiana, party of the first part; the
"Miocene Mining Company" a corporation organized
under the laws of the State of New York party of the
second part and E. P. Warren of the City and
County of San Francisco and State of California
the party of the third part:

Witnesseth: That Whereas the party
of the first part is the owner in fee of about
One hundred acres of land with the tenements
and appurtenances thereto belonging situate immediately
west of Morris Ravine and in Section thirty
two (32) township twenty (20) North Range four
(14) East, Mount Diablo Base Meridian, all
in Butte County, State of California: said
land now being used as a hydraulic mining
claim:

And Whereas the party of the second part
is the owner of a certain ditch or canal and
the water right connected therewith situate
in said Butte County and heretofore owned
by the "76 Mining Company" and known as
the "Davis Ditch" which said ditch taps the
waters of the West Branch of Feather River
at a point thereon nearly opposite of the
Village of Daguerre where the head dam of
said ditch is now situate.

And whereas the party of the second part is desirous of extending said ditch further down for the purpose of conveying said water through said ditch for mining and other useful purposes: and the party of the first part is willing to grant the right of way and other privileges for that purpose as herein provided:

Now therefore in consideration of the premises and of one dollar to each of the parties hereto paid by the other respectively and the receipt whereof they severally acknowledge the said parties agree with each other as follows:

First: The party of the first part has granted and conveyed and does hereby grant and convey to the party of the second part its successors and assigns a right of way for the said ditch its proper fixtures and equipments and for the carriage of water thereby on and across its said land and also at all times the right to maintain, repair, re-construct and use said ditch along said right of way: and by its agents and servants with necessary workmen and material to enter upon, pass over and occupy said land so far as may be required for the necessary inspection, repair, reconstruction or maintenance of said ditch or the enjoyment of the use thereof: said ditch where it crosses

5

said land to be six feet wide at the bottom
and nine feet wide at the top thereof and three
feet ^{in depth} ~~deep~~.

Second: It is understood and agreed
that said right of way and the maintenance and
use of said ditch hereby granted shall not be
had or enjoyed by the party of the second part
any longer than the same can be had or enjoyed
consistently with the use of said land by the
party of the first part for mining or other useful
working thereof for its own benefit.

And the party of the second part covenants
and agrees:

(1) That said ditch shall be so con-
structed maintained and used as not to do any
damage in any manner to the land of the party
of the first part or to any of the ditches or
other property thereon by overflow or washing
away or to prevent hinder or delay such
mining or other useful working thereof as afore-
said and that if the party of the second part
shall be liable for and will pay to the party of the
first part forthwith all damages that shall be sustained
by it from any overflow or washing away of said
ditch or from any other cause due to any negligence
of the party of the second part in respect to the
construction maintenance and care or use of said
ditch.

(2) That whenever it shall become necessary

4.

in order to enable the party of the first part to mine or work any part of its said land to remove said ditch or any part thereof from its then location or altogether from the said land then and in such case the party of the second part will remove said ditch or such part thereof as may be necessary accordingly, and at or before the expiration of days after notice from the party of the first part so to do; and in default thereof shall be liable to and will pay forthwith to the party of the first part all damages that may be sustained by it on account of such default;

Third: The parties of the first and second parts agree that whatever differences shall arise between them as to the construction of this agreement or as to the rights of either party under it, or as to the amount of damages to be paid under the provisions hereof shall be referred by them to three arbitrators one to be chosen by each of the said parties and the third by the two so chosen and the decision and award of any two of these three arbitrators shall be final and binding upon both parties and shall be performed by the party charged by said award according to the terms thereof and without any delay; and on the default of such party to perform such award for days the party in whose favor it is given may as upon

the consent of the other party, which is hereby given by each for that purpose enter and docket a judgment in the proper office and book of the highest Court of jurisdiction in Butte County or in any other County where lands or other property of the party of the second part may be and such judgment may be enforced by execution and all other remedies provided by law for the enforcement of money judgments and without appeal or stay by the party, charged by said judgment all right and benefit whereof are hereby released by the respective parties.

Fourth: If the ditch of the party of the second part shall be removed under the provisions of this agreement, or otherwise removed or washed away either the party of the first part or in any other way the party of the second part shall have the right to carry water as contemplated to be carried by said ditch across the land of the party of the first part by means of pipes flumes or such other means as the party of the second part shall elect to use but this shall be done so as not to interfere with the mining or other useful working of said land for its own benefit by said party of the first part.

Fifth: The party of the third part binds by virtue of a bond of said property or contract of sale thereof of the party of the first part made

14 6.
by it to and in favor of the party of the third part joins with the party of the first part herein and grants and confirms to the party of the second part the same right of way and other rights and privileges hereby granted.

Sixth: The agreements and covenants of the several parties hereto shall bind and enure to the benefit respectively of the several parties and of their respective successors and assigns and personal representatives and assigns.

In witness whereof the several parties hereto of the first and second parts have set their seals and caused their corporate names to be subscribed by the hands of their proper officers thereto duly authorized and the party of the third part has hereto set his hand and seal the day and year first above written

1880. Mining - Mines and Ores (D-80-034)

This folder contains correspondence relating to the mining and assaying of gold and other ores. After abandoning his interest in platinum in 1880, Edison attempted to use his ore separation inventions to recover gold from tailings. He also continued to correspond with numerous individuals who were interested in, or knowledgeable about, mines.

Approximately 30 percent of the documents have been filmed. Correspondence from individuals associated with Edison, letters containing significant marginalia, and letters that are parts of important chains of correspondence have been filmed. Correspondence with routine marginalia or with no marginalia has not been filmed. Included in the category of routine marginalia are acknowledgments of the receipt of ores, inquiries regarding lost or unmarked shipments of ores, requests to send ores for assay, and notes about the results of assays (primarily in the hand of Edison's chemist, Alfred Hald).

For Return
re: uncopy Philproduction
used Feb 7/80

Brookfield Pacific Co

Washington Territory

114 Huntington Cemetery
Mr. Edson W. H. says that we have
Mrs. Clark Experimentally on our beach
found and adjacent to the
My dear Sir up some
The following question might can be
under proposed did you

One for ^{unlike people} introduction on your calendar
 times. But as I have heard God
 more kind enough to forward me
 specimens of the Platanus & some
 few of the Quercus on this coast
 I thought it would not be asking
 too much. If you could oblige
 me also, I have an interest in a
 little book that the Black Slave
 is seen by the Song in Vigilance the
 price in Gold about \$3.00 per day
 for the head in our Prisoners way
 of working it provided I should
 send you a small quantity, as
 it is convenient for you & your

your judgement on it and
indicate by if it would be better
to adopt other ways of working
it. I have no less than a
dozen places that they say
the Black Sand can be
procured by moving it. It
is so heavy that when thrown
into the water it goes just
where you throw it. With a
deck of water equal to 30 inches
or an incline of (2 feet) to the
Rd. still still all that we
cannot work it. The heavy run
working sea water as fresh
is too heavy. By raising on by
the above against God will be
for a practical and lasting
solution on an old problem
& I give
Yours truly
Amos A. Phelps Junior
Nov 3rd 1880

THOMPSON H. COOKE.

THOS. S. ARTHUR, JR.

COOKE & ARTHUR,
ATTORNEYS AT LAW,

Woudent take hold of
Dear Sir, ^{Greenville, S. C., Jan 7 1880} Mill Tailings

I have a large interest in an old gold mine. There is on hand a large quantity of tailings that have only been worked over once by amalgamation. I understand that you have invented a process for extracting the gold from tailings. Will you give me some idea of the plan also what it will cost for fixtures. Is your megaphone ready for use yet, as I am interested in procuring one

Very Respectfully

T. S. Arthur, Jr.

P.S. I sent 150 lbs of the tailings freight free paid to Prof Eggleston of N. Y. I enclose to you a letter that I received from him showing that he is very indifferent about

the matter. And in fact I do not wish him to have any thing to do with the matter. I know from a practical test that the tailings contain a considerable amount of gold. Now I propose to turn the box over to you & enclose an order for the same, the reach N.Y. & the Old Dominion Steam Ship line. You might present the bill of lading to them & if they have delivered to Prof Egliston you might present the order to him.

I propose to give them to you to experiment on with your new process, with the hope that you will report to me the results.
T. S. A.

Know the Man well - he is an enthusiast - is considered
so off by North Carolinians. Think him N. Y.

W. E. Hilder

Greenfield
Jan 7 1880
G. S. Arthur
now

VALLOURED V. P. V. M.
COOKE & VALLOURED

Prof. Egliston

Please deliver to Mr. Edison a order, the box of gold ore & oblige yours truly
Jan 8th / 80
T. S. Arthur Jr.

(Jan 7)

one Sherbrooke NS Jan 12 1880

S D Macdonald

A. M. H. 244

Sherbrooke Gold Mine
Jan 12 1880

J. Edison Esq.

Dear Sir

As briefly
as possible I would ask
when your invention for extraction
of Gold from tailings will be
available and at what
cost. Our mines here have
been worked since 1861 and our
mills as elsewhere have been
very defective as Gold can be
gained from tailings from any
of our crushers.

We have about 10 crushers at
work. Yield for 1879 per cent
returns 1369 oz. and since
first mining till now
100342 oz. Will be happy

to afford you any information
in my power and forward
you tailings should you wish
it for inspection

An answer will be promptly
received by
Yours obt Servant

J. Macdonald
Herb
J. Macdonald

Offering
Hon. J. Macdonald M.L.C. Galena
C. J. Macdonald R.D. Superior

Send me ~~5 lb~~
4 lb of tailings unpanned
Have you any places
deposits up there

RADICAL CURE FOR
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Edison's Mining Process
(Book this issue.)
An Associated Press telegram was received at this office a few days ago, saying that Prof. Edison had discovered a process by which the debris of gold-mining—waste, sludge, etc.—could be treated so as to extract the gold from them, leaving to the owner the residue, which was so largely impregnated with benzene, that it was now being treated successfully. Mr. John Rowland, who has been in the Mills during the past two or three weeks, starts for New York city to-morrow morning. During Mr. Rowland's visit to the east has fallen out Prof. Edison by special invitation, and spent considerable time with him upon different questions relating to the matter of introducing this new process, of sluicing every particle of gold from the sand and mill tailings, into this section. Just before Mr. Rowland's departure for the West he received a note from Professor Edison, and held a long consultation with him, in the examination of at least twenty distinguished callers, who were refused admittance during the conference. The Professor was very enthusiastic over his new discovery, and assured Mr. Rowland; that if the debris contained but one dollar to the ton, immense fortunes could be made by his discovery.

The process was then demonstrated to Mr. Rowland by the discoverer. A quantity of fine gold-sand was mixed with a lot of sand and gravel, and upon passing through the sluice boxes every particle was recovered. The object of Mr. Rowland's present visit to the Mills is to ascertain the average quantity of gold remaining in the mill waste and washed gravel. In our sluices, and his final determination that they contain at least \$2.75 to the ton. This new process is inexpensive, and can be worked with ordinary sluice boxes by using the chemicals discovered by Edison. It is as simple as the old method of sluicing. The new process consists entirely in the use of the chemicals.

Mr. Rowland has secured a location in the Redwood and Willowood gulches, and intends to have the new process in operation early in the spring, and if it proves successful—as he has no doubt it will—a company will be formed here, and the boxes introduced for all of the worked-out placer sections.

This enterprise promises to revive the mining industry of the Mills, and give work to a large number of men for years to come, and make gold-dust men plentiful than it was during the years 1870 and 1877.

Mr. Rowland's visit to New York is solely for this business, and he expects to be back here in a month or so.

NY 1-15-1889

enclosed clipping has been sent to me by
Dorrell from Boulder, Colorado. Referring
whether there is any chance to get the agency
over Tenbury in Colorado, & whether if there
we arrange it for him with you.
McDonnell is a Northern gentleman
whose family I know well. There are some
resemblance to families of the same name. I have
especially a pleasing Southern man
Southern with families as a general thing! but from my
personal knowledge of the old world I take very
pleasure in commending him to you. I wish to
with uncorrupted treasure. He & his family
with sides - his wife & this one - are perfect who bear
& always have been are absolutely irreproachable
character for integrity. They have large landhold

and of course standards, before the war. That
program was valuable, Stajic states. The Gov.
McDonnell was educated in England. I think at
Oxford or Cambridge - a highly intelligent
gentleman. He has been in business in
Texas; but he saw that the future was doomed
to at least a very slow program for years to come
+ went to Canada. He has been there
a year, I think.

The businessman says he isn't fully
satisfied yet. He got the counties of Boulder
Gypsum & Clear Creek. He says he won't be
willing to pay you "25 p. cent of the gross
receipts from sales &c."

"What I can make it pay," he adds, "I
have no doubt providing of course that it is done
a success. I understand a good deal about
oil, then treatment, &c. I am very well up
in analyzing."

I believe this statement is not a

not take the statement of the average territorial
citizen - an half truther & half brag - but as a very
modest approximation, under stated, of the fact
of the people of Texas, & I think have no personal
interest in this matter. I urge Mr. McDonald's
appointment for two reasons - because I believe him
competent to do you further by carrying out making
the most of what you intended to him by im-
mortal honesty in paying what you expected.
Mr. McDonald has paid for his debts in full
and has no more of his former expenses. He is
a very pleasant man and a very successful
operator of his life.

Very truly yours

James R. Ruffell

THE FULLER ELECTRICAL COMPANY,
Office No. 20 Nassau Street,
Rooms Nos. 5 and 6.

Dr. Thos. A. Edison
Mead Park, N.Y.

Dear Sir:

According to promise made
to you yesterday I enclose a copy of a
paper on Kent's improvement on Bachelier's
dynamometer.

I understand through the newspapers
(reliable authority!) that you have turned your
attention somewhat to extracting metal from ores
by electricity. Now, I have written some, and
worked a great deal more in the line of electro-
metallurgy, especially in that of refining and
separating metals. If you desire, I will take
pleasure in sending to you copies of some of my
publications in that line. I have also some
patents in the line, especially in refining, lead
base bullion and separating gold and silver there-
from.

Respectfully,
Tele. Room of Fuller Electric Co.

Thanks for
paper -
You have turned
your attention somewhat
to tailing with
surplus of power
of any kind - you have
of Fuller's Co.

New York, Jan'y 16, 1880

Aug 24/80



SUPREME COURT

OTTAWA

Wrote back
what was nature of 16/Jan/80.
Everyone forgot to mark this
A. Edison Esq p/kg -

&c &c.

Dear Sir, There a small
Reg outw

I forwarded by
express 100 lb of the black
iron sand which we can
get in quantities on the
North Shore of the St Lawrence.
Trusting that I will soon
have a report from you
I remain
Very truly
Yours
G. D. W. L.

We match the process to the ore
at present our progress is
working ~~amplified~~ ^{expanding} ~~purification~~ ^{of low grade}
New York Jan 17/1879
Thomas A. Edison Esq.

Menlo Park N.J.

Dear Sir:

My Correspondent
in Russia writes me

An "Amalgamator"
is wanted in Russia - "Khesca" is
next to America, the greatest mining
country in the world - I have gathered
a great deal of information on the
subject both in American circles
from private parties having engaged
in mining & have come to the conclu-
sion that there is a great field here
for a perfect, simple & cheap Amalgamation
because hundreds of thousands of tons of
good gold bearing ore has been thrown away
for the want of suitable Amalgamators
to extract the Gold - The Work attention

and Siberia are full of Government
Spirate Mines of great extent. - A
good Amalgamator would make millions
here -

Speaking of the "Ball" Machine -
"If that Machine is now perfected that
proved to be the best Amalgamator ever
invented. There is no doubt whatever
of its reliability under all ordinary
circumstances. The Machine really does
all they claim for it & saves 90% (Ninety)
of the Gold in the Ore - then & in the
event. I know of nothing better to make
a great deal of money out of. But
be in mind there must be no mistake
about the Amalgamator. It must be com-
plete & perfect - perfect & in working
& all circumstances perform all work
has been claimed for it - Do not depend
upon your own judgment. Consult with
Experts &c."

Copy the foregoing so as to inform you
my correspondence with -

The question is -
Will you discover an intention to officiate
in Raper - I suppose the Pres. are kinder
to those in America - Can they make difference
tailors - black sand etc?

At your service this
you please write me on the subject - If
necessary to understand each other I will
trust you at any time -

Sincerely yours

J. E. Coleman

I have could send several lbs of the
particular ore which you think a
process would be the most valuable I will
try some preliminary experiments please
send your name in it conspicuously in
several places etc
I have thought for years that our
ores could be reduced by Electricity but the great
trouble is our ores contain so many different
constituents and if the fluid does not
have more affinity for some than others
it could be controlled. with this mail I send
an offering of ore from the Barrick mine near
Pueblo Colorado if you think the idea is good
give it a trial if not please keep the ore as
it is. telluride of silver it would be a great thing
for the mine if the ore could be worked in this way
if you conclude to make a trial and want a
quantity of different ores to work with I will send
you all you want. please excuse me for this
as I am in earnest but may be wrong in
my ideas of how it will work. with my best wishes
for your health & prosperity I remain

Most Respectfully yours
S. S. Smith

Pueblo Colorado

There are very few Chemists
in the world who can
make a reliable assay
of a pyrites ore: if he
or you would allow me I
should be happy to prove
my statements of the value
of the ore. The U.S. assay
office made eight or ten as-
says of it with a uniform
yield of \$23.56 pr. ton -
the ore that we are mining
now, much of it, ^(inside) will

306 Columbus Ave.
Boston, Mass.

January 28.

You have forgotten
to send me ^{the New York assay}
slip -
Prof. Ellison

My dear Sir.

I do hope that in
the press of your business
you have not forgotten
me and my gold ore -
I was not very much
surprised that your Chemist
failed to get a result -

assay of 40 gr. Tin and there is a vast
quantity of it - there is no Enterprise in
the world today of equal value -

I am yours very truly

W. W. Chipman -

Boston Jan 1888
W. W. Chipman
and family & so

Bismarck D.T.
January 28th 1880

Prof. L.A. Edison
Menlo Park
N.J.

Dear Professor

When at your lab.
around 25 Menlo
Park last Sept. you
suggested a Plover
for working over the
Tailings of Quartz
Mills by ^{using} glass plates
and you said if
the Tailings contained
one dollar per ton
of total that you

Could make it profitable
to work the Tailings.
I have been to the
Black Hills for nearly
a month lately,
and when there took
the trouble of investi-
gating, and found
out as nearly as pos-
sible what amount
of Gold there is in
the Tailings. I made
a list of the Tailings
of one of the largest
Mills there and
found over 7 Dollars
in the Tailings, at another
Mill I went 376
others less, but I
am confident that
on the whole the
waste average
Five Dollars ^{\$300} per ton.

So since you say
that one dollar
would pay to work
them must be
great deal of money
at 300 tons, if the
process is a success.
They are crushing
on an average 2700
tons of ore per day
and all or nearly
all the Tailings are
be concentrated at
two points - one
is on Deadwood ^{Flax}
and the other ^{Gold}
on Whitewood ^{Flax}
and I have secured
the ground at
both points -
and now I have
a proposition to
offer you

If you furnish
the plan - ~~the~~
Pat. and direct
for the Pat. Co. I will
pay for all. office
work and manage the
working. I will
and give ^{you} ~~you~~ ~~half~~
of the net ~~profit~~

is the process ~~patented~~
if not. can you
secure patent.

Should you think
favorable of this
proposition. I can
furnish you all
the references and
securing you my
OK.

Wishing you great
success with your

Electric Light and
inventions I am
Dear Phipps
Most Respectfully
Yours

John Rowland
Sheridan House
Bismarck.
D-T-

It is impossible at the
present time to go into
them either but as soon as
I finish my Light I am
going to make a speciality
of Tailings - when you get
to hold on to the dunes
(52)

HIGHEST RATE
PAID FOR
GOLD DUST
AND
GOLD AND SILVER
BULLION.

Office of
R. B. HIGBEE,
Dealer in General Merchandise,
Silver City, N. M. Jan. 29, 1880

T. A. Edison

Mesa Park N.S.

Dear Sir

I have just been reading an account
of your mining process by use of
cyanide. You will please let me
know on what terms you are
willing to furnish the required chemicals.
If the process is successful with its
use I can furnish my prospectors
for \$1000 when for you to come, as
my ground is far richer than
Mr John Rowland describes the
Placers in the Black Hills to be.

Very Respectfully Yours

R. B. Higbee

Can do nothing with it
just now but no knowing what
time we shall. We will keep
a note of it. Granite Creek O.
Feb. 14/880

Prof. Thos. Edison }
Moulton Park N.J. }

Dear Sir

I send you by mail a sample
of ruby sand taken from my
placer-mines situated on
Granite Creek Grant Co. Ore.
I find it in considerable
quantities and if you
can utilize it in any
way, so inform me
and I can save as much
as you desire.

A. H. Tabor

P.O.

Granite Grant
Co. Oregon

Ottawa Feb 5/80

There is but a small quantity
of gold in the sand
hardly enough to pay
Prof. L. A. Edison

^{he is}
doubtless there are riches
Dear Sir,

In answer to your
favor of the 23rd ultimo I beg to say
that the sample of iron sand
ore was in a powder keg.
I hope you have received
it all right & that you will
be kind enough to let
me know the result of your
experiments. There is a large
quantity of this sand on the
shore of the St. Lawrence &

on Ottawa Feb 3, 80
G. B. Buel
a Feb 9

it can be easily shipped on
board of schooners -

Yours truly
G. B. Buel

Weatherby February 6th 1880.

Thomas A Edison
Sir I saw in the Weekly Enquirer
an account of the Edison
Coe Milling Co being organized
as I understand this Company
has a process by which a higher
percentage of the precious metals
can be saved than has been
saved by any of the old methods
of reduction.

What I want to know is,
this will it work in all kinds
of rock containing different kinds
of mineral such as galena, gold,
silver, iron etc.

We have some rock here that
is very rich but cannot save
it with the different systems
in use here.

We have some rock that assays
as high as \$300 in gold and \$1000 in
silver and some that mills
from 10 to 25 per cent gold to the ton
also some that there is a
great ~~rich~~ amount of base
metal in it. We save from
10 to 20 dollars to the ton.

Now if your process can
do away with the power of this
base, I think we have as good
a mineral belt as there is
in the country to demonstrate
its powers of reduction.
Please answer soon.

I am respectfully yours

Celi C. Bush
Weatherby
Baker County, Oregon

Calipella, Mendocino Co., Cal.

Feb 13th 1880.

T. N. Edison Esq
Hunts Park }

Dear Sir!

It being over a Month past, for
the time of your Mayor McLoughlin
should have arrived here, and
have not heard anything of his
whereabouts.

I ask kindly to know when
he will be here, as I have
put off a trip from home
for some time, awaiting
his arrival. By informing
me at once you will
greatly oblige.

Respectfully,

~~Yours truly~~

P. B. Klein

New Yorker Belletristisches Journal.

Redaktionen

Redaktion: Louis
Udo Bruchholz.

Office No 39 Park Row (Times Building) P.O. Box 3595.

New York, March 2, 1884.

Prof. Edison

16 Park
N.Y.

Dear Sir!

When you have
the kindness to inform
us whether Plutonia
has been found among
of our mines here in
Laurion. We have been
making enquiries at
several places but were
every time advised to
ask you about it.

If you could give
us some information
you would very much
oblige us. Yours very truly
Louis Udo Bruchholz

New York base found, 1884
Hauptstadt Laurion
Plutonia

improvement
only be sold by
a Co. of gold
miners
W. C. Turner
of
Butte Co. Cal.

on
Butte Co. Cal. March 8th 1892

Dear Sir

I take the liberty
of writing you in regard to black
sand, having seen statements in the
Chico Daily Record, that you had a
process of extracting gold from
it, (black sand collected in mining for
gold) with the black sand clear from
all other material, quick sand, and now
much to the 16, I have been working in
the river (a branch of the North fork)
above Downsville, Sierra Co. where there
is a large amount of black sand and
some fine gold, but did not get gold
enough to pay. I wish to ascertain the
value of the black sand, and cost
of apparatus to save it. Please
answer this, and I will write you
more particulars about the locality
if you wish. Yours &c. W. C. Turner

Mar 10

P.S. There is a heavy black rock
(called by the miners ~~black rock~~) found
among the pay gravel, and in some
places on the surface, which I think
is likely to contain gold, as black
sand. There are four varieties of rock
in that locality, I would to have tes-
ted if it can be done.

Yours F.C. O.M. Turner
Chico, Butte Co.
Cal

I have just posted
put a reference for
what I should be for you

61 Liberty Street
N.Y. March 12, 1880

Thos. A. Edison Esq
Menlo Park N.J.
Dear Sir:

I reached
Menlo Park pretty thoroughly yesterday
for the man with a Separator - but
was unsuccessful. Do you remember
the name & place of business of the
party? Has more tricolors in the
nature of patents - found. two had
been issued to parties in Montreal.
We send you today a copy of the
same as you requested. Also hope
you will find gratification of good in
it.

Very Respectfully,
A. N. S. Smith

from as found
up left with
the matter up
will let you
Car sell
Oregon

Sheridan House
Rismarch, D.C.
March 23rd 1880

Prof J. A. Colison.
Mendocino Park
N. J.

Dear Professor

When at your
Laboratory in Mendocino
Park. this 23rd of Sept-
ber. you suggested
and explained to me
a process for saving
gold from tailings
of Quartz Mills by
means of glass plates
Kodco.

About 6 weeks ago

I write you in regard
to the process, and
the result of several
tests I made of the tail-
ings ^{from} of different times
in the Palau Hills. Also
made you a proposition
viz. that I would pur-
chase and pay for
all materials used
and boxes enough
to run through all
the tailings as fast as
they ^{are} filled, which will
be about 3000 tons per
day. Also I would
be responsible for the work
and give you one 1/2 %
interest in everything
and 1/2 % of net profits
for your invention
as yet I haven't received
any answer
undoubtedly you

receive large numbers
of letters that you can
not answer this time
to answer.

I am sorry that I didn't
think more serious and
have the same interest
as I feel now, and make
you some proposition
when talking with you
upon the subject, I did
not think then that
the tailings contained
so much gold. you
said at the time
that one dollar per
ton would pay, but
it averages near 3 ozs.
and at some of the
slides much more
please answer this
as soon as possible
and if can not accept
my offer. I am sure

suggestions, so we
can give it a trial
in the Black Hills
hoping to hear from
you soon

Most Respectfully yours

John Rowland.

John Rowland
1880

Can all Oregon people
 want another one
 written - Let them
 say it's better of
 than the new one
 can you let them
 say it's better
 than the new one
 long it seems as
 they will be for
 the new one

J. P. Daily
 a p. 22

On March 18th 1880

Dr.

I want to know

your address but hope this
 may reach you. I have a
 gold watch without claims
 & understand that you
 have invented a method
 by which fine gold can be
 saved if you have & I can
 secure it I have a fortune
 for us both. If you want
 to secure claims I can get
 you four or five for you for
 a very reasonable consideration
 or if you have the method for
 sale are are willing to buy
 fifty dollars a day less than

11.2.21
 Taken out with common
 stone dogs & less than
 one tenth of the gold found
 Will you please answering
 me at once & will send
 you further particulars
 yours with respect

Wm D Daly
 New York
 Benton Co
 Oregon

HIGHEST RATE
PAID FOR
GOLD DUST
AND
GOLD AND SILVER
BULLION.

Office of
R. B. HIGBEE,

Dealer in General Merchandise,

Silver City, N. M. March 15 1882

L. A. Edison

Waukegan Park U.S.

Dear Sir

*Your favor I wish at hand
in reply will be in U.S. call
part of appt. will be pleased
to call on you & will bring
the dirt as you request*

*Very Respectfully
R. B. Higbee*

Post Calpella Cal Mar 11, 80
J. N. Klein
A. G. P. 1st 1/20

Calpella. Mendocino Bay Cal
March 16th 80
J. N. Edison Esq
Mendo Park }

Dear Sir:

Your favor of the 22nd at the
duly at hand, it does not
explain if your May MacLaughlin
will come here and examine
the Mines here at all.

Having kept the Mines
open for so long for that
purpose and doing nothing
with them on that side, I
should like to know if you
have given up to look
after the Mines here.

I have found more

Platinum about 2 miles
up the Gulch. When I got
your samples, I was very
where. As there is some
parties of San Francisco
talking of buying them
Mines, but I have kept
back on your age, I should
like to know, if you not will
look at them.

I am satisfied if you
have them examined you
would see a fortune in
them, as every day's prospects
look more favorable.
and this is in a new
Mining Belt, where there
never has been any
prospecting done.

In the hope of informing me
positively, I remain
Respectfully,
P. R. Klein

And 36th
 I have not yet
 written to you
 in regard to
 the contract
 with
 Mr. Governor
 March 11th
 1880
 Deadwood
 S.D.
 F.M. Governor
 2nd Feb. 24 80
 Dear Sir
 Having
 seen in the New York Herald
 that you have made a contract with
 the United States Mining Investment
 Company, to work their workings in
 Butte County Cal, and as I own some
 good placer ground here, I thought
 that I would write to you, and let
 you know, just how this ground is
 situated, it is what is termed "Hill"
 or "Hydraulic" diggers, it is situated
 about one mile from and directly below
 and on a straight line from the great
 Gold Quartz belt owned by the Little
 mine, and comprising the Homestead
 Lumber, Golden Era, Deadwood Salt
 De Smet and others, all divided in
 paying mines, and some of them I

believe in the New York Mining
Stock brand, at any rate they are well
known in New York, I have a body
of Gravel from ten to fifty feet
deep, and it prospects from one up
to thirty-cents to the pan, it will
average three cents; that is the whole
Hill, and there are no boulders that
one man can not handle, it being
all fine gravel, and such being the
case, contains more gold than if it was
full of boulders, which would take up the
room of the say gravel, I have a shaft
run in it fifty-three feet deep, I have
also two tunnels run in on it one in
One Hundred and Twenty-five feet
which prospects extremely good; I
having planned out as high as thirty
cents out of it in one pan of dirt, and
it is run in fifteen feet above bedrock

The other Tunnel I am now running
in on Bed rock, and it prospects
good so far, yet I am in only fifty-
feet, but in the next fifty-feet or so
I expect to strike the channel, and
I anticipate striking good pay when
I get to it, I had a contract with the
Home State Company to supply me
with water, and they dug a ditch to
my ground for that purpose, two years
ago, but they got into a law suit
with the De Smut Co about water
and it is not in the courts, and for
this reason the ground has been lying
idle so long, The De Smut Co are
bringing water in from Spear Fish
Creek about thirty miles from here
but their ditch will not be completed
until next fall, even if it will be then,
but there is a spring on the Hill
which will easily by a little work
produce five or six minus inches
of water, and for this reason Mr. Eldon

more than any other, so I write to you, of
course I do not know your prospects for
attracting Gold, but I thought that
if you could get along with this
amount of water, that you could
work this ground, and if you can I
will give you any kind of a reason-
able interest in the ground that you
may want, I have been in the Western
mines for twenty years, or will be
next spring, and if there was water
on this Hill it would be the best place
of property in the Hills, this I know
as also does all the old miners in
the Hills, and as for references in
regard to the value of the Hill, you
can refer to Porter Warner, Proprietor
of the Deadwood daily times, John
Hawkins, Sheriff, and Robert
Pitt, Treasurer of Lawrence County.
Any person that you may know here, you can
have them come and prospect the Hill,
and they will find it just as I tell you, and
I am to hear from you at your earliest
convenience I remain respectfully yours
Deadwood S.D. E.D. M. Brown

Boulder March 19/80

Prof. Edison

Dear Sir I have just
heard of a discovery of a
Platina Mine and shall
start to morrow to examine
it. Having heard of your
desire to get hold of a Pt.
Mine I thought would
inform you and solicit
an answer ~~or~~ regarding
a probable chance of
buying it.

Yours Resp.

Thos. Herzberg Asst. Gen.

Boulder,

Colorado.

We will buy
Pt mine if
conveniently

Paterson N.J. Mar. 20, 80
T & Horsely
& Company

Paterson News Press
The Edison Edg
Mar. 20, 80

Dear Sir,

On my return from the
west a few days since I saw
a notice that you had perfected
a process which would enable
you to extract the gold from
the tailings of the wet process
quartz crushing mills.

I am in connection with
Mr. J. W. England Publisher of
the New York Sun, in negoti-
ation for a quartz mine
that carries about \$4,500
per ton gold. It is claimed

Quoted above having process taking place
only taking from the mine

OK

1st 2:20 P.M.

Thank you

Wm. W. R. R.

The Communication for having
been made in comparison.

that this is all free gold,
of this. I have my doubts.
I wish to know if in your
judgment your process
applied directly to the ore
after it is crushed will
save about all the
gold. This may be a
question that you do
not care to answer.
I do not know if your
process be covered by
patent or otherwise but
should be glad of any
information.

Please consider

Not process for patent silver
a. a. 5/11

ROBERT KERR, *Ans'd*
Attorney and Counsellor at Law,

EQUITABLE BUILDING,
ROOM 8.

120 BROADWAY.

New York, *March 24* 1880

Mr. Thomas A. Edison

Dear Sir,

Would you
permit me to enquire
whether the method dis-
covered by you for extracting
the gold from tailings
is applicable, or can be
made applicable to silver
tailings, so as to extract
whatever silver is left by
the ordinary methods?

I make the inquiry be-
cause a client of mine

is interested largely in Silas
- running shoes would
like to make some kind
of an arrangement with
you, in case you an-
swers should be in the
affirmative.

Respectfully

Robert Kerr

april 1880

W. H. Haid

you have
kept to

the sample
the letter of

McKenzie Bridge and Co. Oregon
we can make it out
March 25 1880

J. A. Edison
Dear Sir,
he may get

Your favor of Oct 10 last is before me. The tinne-
tube is also here & I return it with sample
of sand from Blue river. On the opposite side
is a rude diagram of the eastern part of this
county. I washed 10 pans of dirt to get this sam-
ple each pan having about 3 table spoonfuls of the
black sand to wash out to reduce the bulk to
the size of the tube. I have marked a cross at
the junction of Blue river with the McKenzie
to represent the place I got this sample, the for-
mer sample was from a place 6 miles further
down the M^K indicated by another cross.

The crosses on the California are at points
where I have discovered gold and black sand in
greater quantity than on any stream in this
section. The parallel lines across the ridge
between the M^K & Co. rivers represent quartz
croppings none of which appear to be of much
value but a piece of float rock has been found
about the point indicated by a x on the 2^d
north branch of Blue worth perhaps \$2000 per
ton gold & silver. Gold has been found on the head
of Lake creek also, (marked x.)

Should you find anything to interest you
in this sample I will furnish others as I ex-
pect

fect to give a little time toward finding
the sources of the gold found on the McKenzie
and Callipuvia rivers. The reason I am
going into ~~as much~~ detail is that here is
a virgin mining section which, whether
gold or base, had it laid in local or else
would have had fortunes spent on its
development. The country eastward of
Blue river ~~is~~ seems generally covered with
Lava and Glacial drift but is interesting
for its boiling springs, alpine scenery and
facies of which there are four living ones
within 28 miles of this place. Hoping I
hear from you again & am

Very Truly Yours

P. C. Renshaw

formerly of Mansfield, O.

Much Gold

McKenzie River of Mass to
Callipuvia
slope 19

at Nevada

at Nevada

at Nevada

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Ridge about 5500 ft

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at Nevada

Let this line represent 44° latitude

Dr R.H. Saline
- a year

West Loo, N.Y.

March 29, 1880.

Prof. Edison -

I have today sent you
a Report of a valuable Phosphate
Mining Colony in Antioquia
South America - (See report)

The company now are
waiting to dispose stock
enough ~~to start for working capital~~
to start the same -

I am authorized to
make you this proposal. That
you furnish the necessary
machinery for working by your
process and a competent
man to work the same.

And we will give you $\frac{1}{4}$
(one fourth) of all we can
make -

If these terms are
not satisfactory to you
Please make ~~us~~ a proposition

Yours truly,
R. H. Sabers
West Troy
N.Y.

P.S. Within 50 miles there
is said to be valuable
Platina mines - and there
may be some on this
property. You will see by
the report that they are accessible
by Rail & Water. The report
is said by those who know the
mines to be under estimated
in richness. Yours R.H.S.



LEWIS LELAND & GEORGE S. LELAND,
PROPRIETORS.

Sturtevant House

IS IN THE CENTRE OF THE CITY
WITH ELEVATOR.

BROADWAY, 28TH & 29TH STS.

RATES REDUCED.

ROOMS WITH BOARD, \$2.50, \$3.00 AND \$3.50 PER DAY.

ACCORDING TO LOCATION.

ROOMS ON EUROPEAN PLAN, ONE DOLLAR PER DAY.

We will put up
with a room and
any other in the house
if you will not see this
for new ten

To New York, 29th Mar., 1880.

Prof. Edison.

Musulo Park, N.J.

Dear Sir: -
(Private.) Having read, in today's
N.Y. Herald, the interesting article
headed "Edison's Big Bonanza",
I take the liberty of addressing
you, to say I know where,
~~in California~~ in California,
there are thousands of tons of
black sand full of minute
particles of gold, which (when
a Lieut. of Artillery stationed
in Cal.) I used in lieu of
blotting paper to dry the ink
used in my correspondence. -
Whether that black sand contains
platinum or not, I do not know,
but would not be surprised if
it did. -



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→ ROOMS WITH BOARD, \$2.50, \$3.00 AND \$3.50 PER DAY. →

ACCORDING TO LOCATION.

ROOMS ON EUROPEAN PLAN, ONE DOLLAR PER DAY.

New York, _____ 18

2
If this fact can be of
service to you, please com=
municate with me, and com=
mand my services. -

Very respectfully,
Your obt. svt. -
Geo. P. Ihrie,
Late U. S. Army.

GEORGE P. IHRIE,

(Ex-Inspctor-Gen'l on Staff at Gen'l U. S. Grant, and late of U. S. Army.)

CONSULTING

CIVIL AND MINING ENGINEER.

Gold and Silver Mines Examined, and Reports,
Maps and Estimates made.

Offices 410 Montgomery St., San Francisco, Cal.
67 Broadway, N. Y. City. Room 20.

*Don't think my
notes misstate all's*

*Wrote in Quillock
made her analysis
and times ago
overwritten &
Dorothy.*

Office of
D. FREDRICKS,
Attorney and Counselor at Law,
No. 7 GRABERS STREET.

W. A. Edison Esq New York, March 29th 1887.
Dear Sir,

It has frequently occurred to me, that you should use pulverized Coke (Coke can be obtained from my coal gas works,) with bitu-
llous pulp for the purpose of manufacturing the same.
This connected with your slacking light, instead
of using carbimized and burned, pulverize the
suggestion of this date dry, I should not have
made it had I not mistaken the big bonanza
in the Recede of this star.

permit me to ask if you know that all water
present over anything gold mines contains gold
in solution & which amount be detected by
microscope? to prove the same, take a small
quantity of gold, dissolve it in aqua regia
acid (one part water, two parts aqua regia)
when dissolved add water to it, two ounces
to the grain of gold, the gold amount be
detected by microscopic observation, but
a galvanic battery will throw down the
gold, and the same can be recovered with
flour, very experiments used to be done
not make any for three grains flour
composed of equal parts, borax and salt.

What I am getting at is this, the Suits
known as I understand, do not mean as
the water much necessarily contains
great deal of gold and silver in solution
which is carried off as I mentioned, the
same might be recovered, there are also
a great many places in the far west
from the water running through the same
gold and silver might be recovered at
a profit by placing in the places galvanic
batteries composed of old sheet copper
and zinc, I have made these suggestions to
no other person, if they are worth anything
to you and you feel disposed to pay
for them. You can send me some check
in favor of your companies, I may
possibly have been giving you information
already procured by you, if such be
the fact, don't publish it, but writing
thus,

Respy, Wm J. L.
L. A. Fredricks

at
Wm J. L.
L. A. Fredricks
Mar 31

more specially is
why all sand ~~containing~~ gold
can not be treated thus anywhere.

Chraceus, March 30/21

Thos. A Edison Esq

Dear Sir: -

I notice that you
have found a process for
extracting gold from 'tailings,'
and I venture a line to
you in regard to the applica-
tion of your process to the
extraction of gold when mixed
with iron sand.

I have long known of a
very large deposit at no great
distance from New York, and
have thought that your pro-
cess might be applied thereto.

The sand carries quite a
large amount of gold, and
should your process fit the
kind of work, it should be

glad to give the matter
a trial -

Will you favor me with
a line, or kindly refer me
to parties who can give
me information on the
subject.

Very respectfully,

J. N. Johnston -

Ors Syracuse NY Mar 30, 41

J.H. Durston

Ans Mar 31-41

Hold till sample

comes

to look him send a

nail keg full

BALDWIN, SEXTON & PETERSON
294 BROADWAY.

5 Hays
per post this
on first - 4-11
New York, April 1st 1890

Mr. T. F. Editor

Dear Sir,

express prepaid. send you 2500s
tailings which you will please acknow-
ledge.

And Ollgo Y

Yours Respectfully
Caldwin Sexton Peterson

Please describe box
as we are receiving several
daily & everyone fails to
write box.

wrote them April 22nd
Contents enough
filled to cover the
ground & it can
be secured at very
great prices

Chas. L. Chandler
April 30 / 1880
We only want
ourselves - don't want
any of USA
Prague Apr 1880

Mr Edison

Dear Sir

I see by the
papers that you have invented
a process by which you can
extract gold from the tailings
of a gold mine to a large
amount. Now if this is so I
would say I have a brother-
in-law engaged in gold
mining and if I could
make any arrangement
by which I could apply
this invention I would like
to do so as this would not
interfere with your rights
I did not know but you might
give me a chance for my life.

and It would be of mutual
benefit, ^{to give both} the location is not
in this country. If you will
give me a chance and decide
It I will come and see you
and talk the matter over
I can give you the best of
reference as to Character
Ability &c If necessary

Respectfully,
Yours

Chas L Chauden
Dentist
N 1 Brauer Block



St. Louis Eye and Ear Institute,

723 CHESTNUT STREET,

Free Clinic, from 3 to 5 P. M., Daily.

Dr. A. D. WILLIAMS,

Surgeon in Charge.

Dr. G. F. FOSTER,

Assistant Surgeon.

St. Louis, April 2nd 1886

Mr Edison:

Dear Sir,

I have read the article in the Herald on your method of treating tailings from Placer mines with a great deal of interest. I want to ask you a question. Is not your method applicable to placer ground before it has been once washed the same as after it gets to be tailings? My friends of mine here own a large amount of rich placer ground in Colorado, the tailings from which are known to be rich. I thought perhaps your method would be applicable to the treatment of the original dirt & might be cheaper than washing it first by hydraulics. If applicable, could we obtain permission to use your method of treating tailings on our original dirt? If you would like to experiment on the dirt, I will see that specimens of it are sent to you, if you will only direct me how much you would want & how to send it. Be kind enough to let me hear from you. I have written a friend, now in New York, to call on you in regard to the matter. Respectfully: *Edw. Williams M.D.*
723 Chestnut Street.
St. Louis Mo.

GEORGE P. IHRIG
CONSULTING CIVIL & MINING ENGINEER

Gold and Silver Mines examined, and Reports
and Estimates furnished.

Room 20 = 57 Bldg., N.Y. City
Sat. Apr. 3, 1880.
Prof. T. A. Edison.
Mead Park, N.Y.

Dear Sir:
I am in receipt
of yours of 31st ultimo, and
desire to further pass the
deposits of black sand,
about which I wrote
you, are not "tailings",
but a natural deposit
in auriferous medium =
tailings part of California
containing great deal of
minute particles of gold,
which the Indians squaws
used to pick out with the
points of jaw-needles. -

I said, there were thousands of tons. - I believe there are millions of tons in these natural deposits, and while we never touch a ton of this black sand, it surely, to judge from its looks, will yield just as much as that \$2. per ton, and may possibly carry platinum.

To secure this deposit will require the purchase of some farms and the permission of others, involving a financial outlay of several thousand dollars. -

Can I purchase one or two of your "works" for this section of California, and how will the "O.M.C." be compensated for their use?

In other words, what financial arrangements can I make with the "O.M.C." to work this stupendous bonanza of black sand? -

And immediately will oblige

Respy. Yours -

GEO. F. THRO
Late U.S. Army

If you can send us several
lb. of Black sand from the
Calif. Nova Scotia
auriferous region send ~~them~~ ^{them} ~~to me~~ ^{to me} ~~at once~~ ^{at once} ~~if you can~~ ^{if you can}
Prof. Edw. tell if I would pay
Dear Sir,

I commence with
an apology for addressing a total stranger,
but I have lately seen an article in the
New York Sunday Herald, concerning a
new discovery of gold, in which I am
much interested.

It was in relation to a new method of extracting
gold from the sand or washings from
gravel.

What I say about to appear in the
New York Herald. My friend Mr. J. N. Matteson (who is
writing you tonight) and myself are interested
in Gold Mining, and have taken up large
areas in several of the Gold States
of this Province. We have on a hundred
acres at Gold River, where gold can be
washed from the sand with a pan, in any
part of the river. My own areas at
Lawrenceston, Mount Pleasant and Catibon,
and belong to the Rose Gold Mining Company,
which sold property to an American Company.

a few weeks since. For Triffy Thorne and
Dallens. We are sorry to take up so much
of your valuable time with these details, but
as we are perfect strangers, and know that you
would not wish to bother with men who do not
mean business, we give them to show you that
we do mean business, as you can readily find
by making enquiries.

In the first place, we do not believe in large
companies, as they have less chance of
succeeding than small ones.

You will first want to know who we are, and if
we have the facilities for carrying out what we
propose. We are both single men, and can
both give our attention to any speculation that
would pay us better than our present business.
We are both, at present, located in Halifax,
and am happy to say that our business is
in a healthy state.

Mr. Watkinson and I are of the opinion
that with your help, we could succeed any
other. We do not know the amount of
capital that would be required, but as far
as that is concerned, we feel that we would
be able for the emergency.

Our proposition is this, that we three shall
go equal shares in the profits. Mr. Watkinson
and myself to furnish the capital, and you

the process for extracting the gold from
the sands and washings of the Province of
Nova Scotia.

There is a very large quantity of this sand which
has been gradually accumulating from debris
of glaciers in different parts of the
Province, for the last twenty years; and
we would like to hear your opinion on the
matter at your very earliest convenience.
And we will send you half a dozen samples
from as many different washings.

I would just say here, that we can secure the
washings at half a dozen different places
within twenty-four hours.

Any information which you may desire respecting
our character, either as men, or financiers,
can be obtained of any business firm
in this City.

Trusting to hear from you as soon as possible,
I remain, Dear Sir

Respectfully yours
C. M. Davidson

226 Apple St.
Halifax
N.S.

J. A. BROUGHTON.

R. BROUGHTON.

BROUGHTON BROTHERS.

DEALERS IN

Drugs, Medicines, Paints, Oils, Glass, Groceries, Etc.

Brookhead, Wisconsin, Apr 7th 1880

Prof Edison
Syr

I read an article in New-York Herald 29th last March about saving gold & silver in tailings.

We have a gold & silver mill & can not save the gold & silver. The metal is very fine. Can you do anything for us. Our mill is 20 stamp near Deadwood. And what will be the expense?

Will answer further other questions if desired

Yours
R. Broughton

We do not as yet work mill tailings only placer tailings from the Hydraulic mines —
Black anthers sand etc

D. H. SHAW,
BOARD OF TRADE BUILDING,
ROOM 12.

Our process is for working
uniform block
Detroit, Mich. 8 April 1888

Prof W. Edison
Mills Park, N.Y.

Dear Sir,
I see by your own process
of extracting gold & silver that from
our chart great results may be
expected from certain mining
districts provided it can be put into
practical operation. My object in
writing to you is that I am interested
in these silver mines in Colorado
which seem to be wonderfully rich
in gold. As near as can be deter-
mined by measurement there are
27,000,000 cubic yards and in a
rude way by hand they have
been tested and the results have
been astonishing, washing out
all the way from 10 to 400 grains
(about 100 grains in a cubic yard) they are
situated where any amount of water

Detroit, Mich. _____ 18__

can be obtained good a head
of water, or fall of from one to two
hundred ft. This is in fact a good
gravel, easily worked and very
now accessible to Rail Road, &c.

Now what I would
like to know is, can any arrange-
ment be made with you, whereby
these mines (provided one is located
on the line) can be developed & used
for the production of the present
mining process, an enormous amount
of gold can be produced & put of
course at a much greater ex-
pense as than your present
process. If you will be kind
enough to let me know what
you think about this, be very
much obliged & will try and come
to some terms for operation.

Very Truly Yours, D. R. Shaw

H. A. ROGERS

IMPORTER AND DEALER IN

Railway and Machinists' Supplies.

No. 19 JOHN STREET.

P. O. Box 4106.

New York, April 9 1880

J. A. Edinburg

Mentis Park

Menth Park
 Send Sample unwashed
 pulp - Also take for some
 largely ^{unwashed} ^{10 lbs of} ^{the} ^{sample} ^{for test}
 two hours ride of New York. We have
 an enormous quantity of ore 10 stamp
 mill running & our Pulp ~~as it~~
 runs from the batteries ~~as to~~ our
 plates assays ^{have} for 5000 we
 find our gold so fine that it
 washes off the plates and requires
 some amalgamating process

We have not decided what yet
will you give me some points
regarding your process. If you
can save 3/4 the assay of our
ore I can show you all the
ore, you want to work on
without going to California
If desired I can furnish
you sample of milled ore or
unmashed ore. Best Green
of the Western Union will I
think endorse me. Refer to
him. Shall be glad to hear from
you. Olen

Very Truly

John Van Tine

392 Entaw Place

Battersea

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, in full of holding, which have been accepted by the several States and Territories.

Messages are delivered subject only to the right of suspension or delay of transmission of messages, and the Company will not be held liable for any such suspension or delay of transmission of messages.

The transmission of CIPHER-TEXT, and CIPHER-KEYS is delivered by contract, under the conditions stated above.

A. H. BREWER, Secy. Red NORVIN GREEN, President.

Dated Tulsa Okla Nov 4-9 1880

Received at 410/80 641 Ave

E. T. A. Edison

READ THE NOTICE AT THE TOP.

Id box tailings
arrive & what result
your conclusion

Mercer Ote.g
9 Paid
1st Rate
L. Saf

Mercer Ote.g April 10
Virginia City

Yes still working at it -
Edison

Reint -

if write him to his Alaska
address, said Sam. please
if you have no still time to
send any of the 50 also he may
be having money to pay my bill.

Prof. Edison

New York.

San Francisco. Cal.

April 10 1880.

Dear Sir

"Interesting" is a mild term to
apply to your "scientific researches" & if
the reports we read are typographically
correct of your progress we may apply
the term "astounding" with freedom.

In to-day's Issue it is set forth that
your experimenting for Platinum, developed
new features in gold extraction from tailings.
This you are in search & in need of (Platina)
is plenty full in some parts of the North West
but always & only found in a granular state
& frequently a nuisance to the paucity of
gold. I know of a gentleman having a nugget
weighing over 17 lbs. said to be the largest in the
U.S. states. I am prompted to write you
on the question of Platinum, as it may prove
of mutual interest & profit. But few of

The oldest & most Experienced miners know
What ^{the} troublesome Article is that remains
lost in the pass & has to be picked from the
gold. "Platina" & less is known (if anything)
of it in the "matrix" which I am not clear
in myself Altho am satisfied of it being
in abundance on the Arctic slope & Alaska
where I have explored for the last 2 years
I have travelled & explored sections extending
from Idaho, Montana, British Columbia & Alaska
to several hundred miles down the waters of
MacKenzie River on the Arctic & the Grander
Platina in places found & regarded a nuisance.

In a few days I will leave for Karta
Bay Alaska where I am permanently
engaged in "Ladron History" & fur trading & am
preparing for working gold & silver & platina
ore. I am taking an Assay Outfit which
I can proceed with on gold. Silver & copper lead
but other features require further knowledge
to work on - Especially Platina

If you appreciate an exchange of
correspondence with a view to mutual
benefit I shall be glad to exert infidelity

Exploiting some of the undeveloped
metallic resources of this (as yet) isolated
Region - I want a detailed description of
Platinum Ore & most scientific method of test
I have seen nothing that is heard on "Platina"
but generally making "Confusion worse Confounded"

Should you desire correspondence
I would ask that it be for the "live being"
direct & private to my P.O. Box within City
(or my address) which will be forwarded
to Alaska.

I am Sir

Yours Respectfully
D. H. Hopkins

P.S. Many Years Ago I was familiar
with Prof. Adolph B. in New York
City but do not know his present
whereabout (if alive) & would be pleased
to hear of him - LOKOK

The only process so far perfect. It is for
washing auriferous black sand without
water, ~~we~~ have you black sand deposits
Oakland, April 11, 1880

Prof Edison

Magd. Park

Sir,

Noticing and
account of your wonderful invention in the
columns of the news papers

(I thought I would)
inquire into the merits of the thing, I
have some large interests in tailings

What amount of water
per ton does it take to work it?

What will it cost per
ton to erect one of your mills with a
capacity of 10 tons per day?

Will you please answer
soon and give me all of the particulars.

Yours,

C. A. Fairchild

#1350 Market st

Oremida Co

Oakland Cal.

STAB & ZECKENDORF,
121 Church Street, New York.

DEALERS IN

General Merchandise,

Trusson, A. G. April 12th 1880

Thos. A. Edison

Menlo Park

New Jersey.

Dear Sir

Having heard a great deal of your new process of concentrating gold, I wish you would forward me such circulars or data explaining the process, as I believe if adapted to a certain class of ore, I might make use of it. Please give full particulars as to price weight of machinery and if you sell certain territory

is known of a certain place of
nearly thirty miles square, loose
dirt, no water, which has failed
on the process of dry washing
on a very crude process. I
give you these particulars, to
inform whether your process
could be used on such
ground. As to my
standing refer you to
the commercial agencies

Yours Respectfully
 F. Zerkendorf
 F. Zerkendorf & Son

We are not ready
yet - The first ~~one~~ machine ~~now~~
perfected is for washing
black ammunitions sands
without water. Evaporating
flour goes + wet gel. we have
evaporators as well as use as not ready

cc Fort Bridge Wy apl 19, 80
Harry Richardson
a apl 19

Write say on process is not for mill tailings but
for placer sands, especially very fine gravel in
black sand, the poorer the black sand the
better. Send samples by mail coming by
3 lb. bags - mark your name & April 12, 1880
Subscribe them to
Professor Edison

Dear Sir, Here,
seen by your process you can
save all gold that remains
in Tailings from Quartz Mills
I would like you to inform
me if you can give gold from
Placer Mines that contains gold
refined that it cannot be saved
by any process that is at present
in use. The Mines I speak
of are inexhaustible there being
Miles of Bars that will run from
Ten feet to Two Hundred feet
deep and it all contains fine
gold. I have panned out dirt
from a great many places and
find good prospects in it all
but the gold being so very fine
you cannot separate the gold

from the pond

Should you wish I could send you. But from different places and should it prove as good as I think it will I don't know of such a field for health in the North.

I know your time is very valuable and you receive a great many communications from different persons. But I think if you could spare the time to interest yourself in this matter that it would prove one of the best paying schemes it is possible to conceive if I did not think so I would not take the liberty to write you. I am an old Minner and know what I am saying and should you wish to test the dirt I will send you what quantity

you may require and give you the power to send better yourself and find it to your interest to take the thing in hand.

Hoping this may meet with your kind consideration and I pray hear from you at your earliest opportunity.

I remain

Very Respectfully Yours
Harry Blackard

To Professor Edison
Menlo Park.

NY.

Newell Apr 10, 1880
Albany
Can't go with you
from mine

1880
Chetworth 2 - April 12, 80

Mr Edison

Sir

I take the
liberty of writing to you
in reference to coal from
mine that I am the
owner of in Sussex County
a description of which I send
you I sent a description
to Mr McLaughlin that
he did not get it before he
left for California
as I am very much in
need of money I will sell it
at a great sacrifice
Samples of the ore that I am
offering send at your place
and promiseed it good ore

I wish you would look
at this mine and let
me know what you
think of it

please address
J E. Bogue
76 State St
Cleveland, O.

Turn not ^{on}
Pseudog - Nam
It is still in
the ground -
help you not
wonder
Wm T. Every
a few m

Helton Utah (April 13th 1940)

Mr Edison N.J.

Dear Sir's
we know what we call
aplicago here and i will
send you a sample of it
and i want you to let
me know what it is
worth per ton as it comes
out of the mine we
have a large mine of it
my father has been sitting
to you about it and he
told me that he sent
you some of it but
i dont think he has
his name is J. B. Vandort
and now if it is worth

looking after if you
will send us a letter
we will pay you well
for it

Very Respectfully

Wm. J. Emery

Hand

What is price per
quart of ~~Enca~~

Andersonville N.C.

Apr 13/80

Thos M. Edison Esq

Meigs Park N.Y.

Sirs

I send

you a few Zirconia as specimens;
You will find them I think,
fine proof and if they should prove
to be of any value to you in
any way, would be glad to furnish
you with any amount that you
may need.

I would be pleased to hear
from you in regard to the matter
at your earliest convenience.

Respectfully
Jas M. Edison

N. W. Merwin & Co.

WHOLESALE DEALERS IN

FLOUR, GRAIN, MEAL, FEED, Etc.

178 & 180 State, and 1, 3 & 5 George Streets,

N. W. MERWIN,
2, F. FITCH, } P. O. Box 1112.

New Haven, Conn. Dec. 13th 1880

Mr J A Edison

Mt. Park N. J.

My Dear Sir

Excuse the trouble I am troubling you. I would like to enquire if your device for saving Flour sold can be applied to Linen Machinery as suggested in my former letter.

The Lint can be separated from the sand at the head of Linen when put into Linen Boxes by some oscillating Machinery and discharged not allowed to pass down the Linen Boxes so much I think can be done mechanically, then follows the question of saving the flour sold. I have thought some device by which the water and sand could be made to pass over a broad or widened surface at a moderate flow some way or appliances could be found to operate accomplishing the desired result. There is no law on the claim now when the American Inventor shall be pleased to comply with your request. What do you think of my suggestions.

I have no any objection for you to use my name in any description of your plan while you could use me.

Wm Merwin

WILLIAM M. GIBSON & PETERSON,
809 BROADWAY.

aprl 13
O. April 15-80

New York, Apr 13 1880

J. A. Edison Esq.

New York

Your favor

of 12th inst. is received.

Did you form any idea from the sample
of tailing stuff, as to their value per
pound? We have some two thousand
pounds and are somewhat interested
in the results as aside from the value
of gold in this lot we wished to
compare the results from the application of
electricity, with that of our own
assay, and the use of fuming sulfuric
acid. Refinery who have sampled the
pile.

The refining and smelting of Sterling, Conn.
is a very large business, the manufacture
of Sterling being largely carried on in
this city. Providence, Pawtucket, Philadelphia

Boston, Nov. 1862

Would you like to try the lot
we have, if handed up & sent to
you?

(Respectfully)
Judson S. Perkins

select the best
to give in course
the sailing is to sailing
organic matter old the
large amount brought
about in the
good water in trouble
very much



St. Louis Eye and Ear Institute,

723 CHESTNUT STREET,

Free Clinic, from 3 to 5 P. M., Daily.

Dr. A. D. WILLIAMS,

Surgeon in Charge.

Dr. G. F. FOSTER,

Assistant Surgeon.

St. Louis, April 12th 1880

Mr G. A. Edison:
Dear Sir:

On my return home yesterday I found your letter of 6th inst.

I will see that specimen of dirt are sent to you. It will take some little time.

How much pay dirt will it require to justify you in putting up a well?

How fast can you work the dirt?

How much per day, I mean, can you work? On what terms would your company work the dirt in your own way?

Please give me all the particulars so I will fully understand you. I mean business, if your terms are not too extravagant, or at all reasonable.

Would you not be willing to give me the privilege of using your method in the county where our property is located & allow you an agreed royalty on your method of treating the dirt?

I would much prefer that, I fear you have too much on hand to get started where I am interested soon. Please let me hear from you fully soon. I will see that pleasure dirt is forwarded to you at once. As ever, Chas. Williams, Jr.

Chas. Williams, Jr.

225 Chestnut St.



3 St. Roch St
Montreal P.Q. April 14/80

My dear Al

Enclosed you will
find 2 slips the small
cut from the Montreal Herald
of Monday the 12th & the other
from this morning's Herald
I would have read the proof
last night but felt so infernally
lazy that I did not go down
town after dinner (7.30 pm)
& I regret it now as you will
see several horrid blunders
it was written correctly but
got bugged by the compositor
Mr. Pers. started for Quebec
this pm & I will join him
tomorrow or next day then &
go about to his claim on the Plate
River in Beaver Co. he has land

on the Platte the Gallows & the
Samm River & says they are
all good. he sent down to
Dubuc since I arrived & got
a bag of tailings of his own
washing which he brought over
to I have put to exam for
Platinum and we washed in
a pan not to exceed a quart
of it & found 5% spec of
fine gold in it from the size of
to I could send you some
of this out of which we have
taken all but can. but I will
wait till I go to the spot & will
send you the Virgin seal with
a full description of its location
&c &c just as you told me,
on one of the rivers my bro says
he never failed to find gold on
each pan he washed when prospecting
he is preparing for hydraulic
work & expects to get good returns
this season. will let you hear from
me as soon as I can get into the
ground. it is winter here yet!

Yours &c Macomber

MONTREAL HERALD AND DAILY COMMERCIAL GAZETTE, MONDAY, APRIL 12, 1880

The "Whaler" of 4,000 tons, from Scotch Characteristic, Cyprus, Rowlandson, the "Charismatic," Arts, Fels, Lane from "Ussat," the "Shelton," Lord Phillips and the "Marshall," Floating, Iron Collage, "Fennice," &c.

My conscience may be relieved of a
I make the above notice

21000. The joint existence of the two casual customers as "the newest thing ing, by the awl
of the district, and to any miserable. M. out" were met with locks of incredulity. bout, explaining

GOLD MINING IN CANADA

Gold mining in Canada is about to become an acknowledged fact, and the coming season will probably witness a great rush to the Chaudière Valley. The district is not, as is generally supposed, a barren wilderness, but abounds in pretty scenery and is well settled, so that those who go there may expect to be able to enjoy life in a decent manner. Land all around is daily increasing in value, and in a short time it may become a difficult matter to purchase. Mr. T. Gendreau, of the Franco gold fields, is now in the city, having offered the sale of some 15 acres of land to an American company. This gentleman has himself taken one quarter, which on being assayed by Mr. F. F. Hunt, C. M., C. S., the United States assayer, Boston, was found to contain \$20.00 per ton; yet more valuable specimens have been found. In this branch of the miner's work there is an excellent opportunity for a capitalist to make money by setting down crushing machinery. Were this done, the miners in the district would gladly find more than sufficient work so that a fair return might be anticipated, and Mr. T. Gendreau, of Gilbert River, would be glad to assist any such. The most valuable deposits of gold are found in what was long ago an old river bed, some sixty to one hundred feet below the surface, and a model of a large piece, worth \$750, which was taken from the district, now view at the Geological Museum. The American people have already made themselves an introduction, and last fall a New York company built up a dam preparatory to work this season, and it is anticipated that twelve or fifteen hundred men will be engaged on the spot in the coming summer. Excellent quartz veins have been discovered at St. George. In fact, for a width of some twelve miles, gold is said to be found on the Megalloway River, the Du Loup, St. Lawrence, Pique, Pique, Gilbert and La Plante, all tributaries of the Chaudière, and we are assured by a mine from the Black Hills, a gentleman of large experience, that the quality of the metal found is far above that ordinarily met with. The country is easy of access. From Point L'Évêque the traveller may go by the Louis and Kennebec line to St. Joseph, and from thence a drive of twenty miles brings him to the fields of gold.

jewellers and fancy-warehousesmen, as well as to the fine gilt bindings of literary collections.

A GREAT SAVING.

In the cost of lighting will also be effected, for Mr. Mackenzie says that a light equal to 15 sperm candles—the maximum gas-light—could be sold at a the low price of 60 cents per thousand cubic feet, while the cost of fitting up is much less than that necessary for the utilization of ordinary gas.

A NOVEL APPLICATION.

of the light is about to be made by Mr. Edison, who has entered on a contract to fit up the new steamer "Columbia," of the San Francisco and Cheater, Pa., Oregon line, just launched from Baker's yard, Penn., with the light throughout the vessel, 250 lights, thus securing the ship against fire. The "Columbia" will go on to New York in a few days, and when fitted up will be on view.

THE LIGHT IS STADY.

without the slightest flicker, with a slight yellow tint, and, unlike all other electric lights, does not heat the eyes. Reflection is impossible while the light does not take from the consumers any of the properties necessary to life.

EXPERIMENTS.

have recently been made, by four of the most celebrated scientific men of the United States, as to the practicability and economy of the Edison light, and their verdict is decidedly in its favor, and Mr. Mackenzie is impressed with the idea that, at no distant day, the Gas Company will make use of it. The advantages, besides the fact that it can be produced at a cheap rate, must secure its general adoption.

THE MOST WONDERFUL.

thing connected with this system is that besides lighting the rooms in which the artisan is employed, it will drive the machinery with which the work, all from the one wire, and a lady may drive her sewing-machine by the same means, at a cost of some four cents per diem, whilst the manufacturer requiring 20 horse-power may be as easily supplied at a proportionate cost, without the trouble of getting up steam or fear of an explosion, must secure its general adoption.

ANOTHER IMPORTANT DISCOVERY.

and one of Edison's most recent ones, will cause the seagull to substitute "Oh, had I but Aladdin's lamp." Although, his former efforts have been the means of bringing to his coffers many goodly sums, Mr. Edison seems now to have discovered the secret of the alchemist, and is extracting—if not from the stone and alluvial deposit—gold where gold was not before. Here again an accident has opened up a new path to the discoverer. Edison, when carefully searching for platinum, discovered gold in place of the money metal. With an idea that he would be able to find it in the "tailings" or refuse of the gold mines, he sent out agents, and Major McLaughlin, who visited the Chaudron Valley in this regard, sent on several bags, in which gold was found to abound. Samples from California, and, indeed, everywhere the agents went, revealed the fact that 30 per cent. of gold was actually thrown away. This led to a company being formed and the "tailings" of all the principal placer mines have been secured for years to come, from which it is expected gold will be extracted in large quantities. Mr. Mackenzie has himself shown us one or two sample packets of "tailings" from his brother's claim in the Canadian gold-fields, which contain wonderful quantities of gold extracted from this refuse of the miner, and that without knowing the secret of his friend. Edison does not claim that his method is applicable to all districts, and at present it is only useful for the districts around Oreville, but after experimenting with other deposits, he claims he will be able to utilize it in the same manner as in the Oreville district. He claims to have recovered as much as \$1,500 per ton at an expense not exceeding \$5 per ton. Of course this was an extraordinary occurrence, but he maintains that, in all cases, there will be, at all times, a good profit after working expenses are paid.

THE DISCOVERY OF THE MAN.

is astounding. When endeavoring to relieve himself of a neuralgia pain, he is said to have discovered this which the disciples of Koungpin have long sought in vain—a cure for neuralgia—Edison claims that it will alleviate all pains. This wonderful invention he has sold the right of for the little sum of \$10,000, say, henceforth, the sufferer is cured, relief by using "Edison's Pain-Expeller." How many neuralgias do great pains suffer.

[ENCLOSURE]

GEO. A. KING,
PRESIDENT.

I. E. JAMES,
VICE-PRESIDENT.

MURDER OTEY,
SECRETARY.

OFFICE OF

Yellow Jacket Silver Mining Co.

Gold Hill, Nev. Jan. 11th 1881

Mr. H. Edison Esq.
Minto Park N.Y.

With the request of the owner of the tailings,
samples of which I forwarded you in November last,
I trust you on the 9th to acquire if some had
been returned & if any result had been arrived at,
to which I had your reply the following day,
for which please accept thanks.

I mail you to day copy of Gold Hill News, con-
taining two marked articles touching the working
of New grade ores. This week I will have the
pleasure of forwarding you a copy of a map
I have just finished for a friend in New York City,
showing section & plans of the Yellow Jacket Mts. &
trust you will find something of interest therein.
It was been photographed, one of which I will
mail you -

Yours truly &
M. Otey



Office of the
Baltimore American
 ESTABLISHED IN
 1773
 EDITORIAL DEPARTMENT

BALTIMORE, April 14, 1880

Mr. C. A. Edison. Grief see
 Dear Sir. Dr. Baird

In reply to your letter to Mr. Van Dine I could go to day for Adams Express some specimens of our Ore. There are about the average. Some are better others not so good. Mr. Van Dine has gone to the mine to day and will bring up the pulp and tailings which will be forwarded to you on his return. The mine we have got a bonanza. Our main shaft is 78 feet deep and we have half a dozen levels open uncovering over 700,000 feet of ore.

the Fisher view - Should you ex-
-periments with our ore be of inter-
est to you we extend you a cor-
dial invitation to visit our
mine and are confident we
can make such a visit mu-
tually advantageous. I should
be glad to hear the result of
your investigations and should
be happy to serve you in any
way in our power.

Very truly Yours

Felix Aguirre
Manager of American
and Managing Director
Montgomery Mining Co.

85 / 0
232.0
9 2
22
0.013



BALTIMORE, April 20 1880

Mr. T. A. Edison

Greenland Park Md

Dear Sir

On Wednesday of last week I forwarded you the Adams Express samples of our Ore and on the following day specimens of tailings & dry pieces were also forwarded. Will you please instruct your assay to advise me as to whether they came to hand and result.

Very Respectfully
 J. E. Agnew
 Managing Director
 Montgomery Mining Co

T. A. EDISON,

Menlo Park, N. J., Apr 15 1880.

W. A. Ramsey Esq
Augusta Ga

Dear Sir

Referring to your
favor of the 9th - The samples
of ore which you speak of as
having been sent by Express
has not reached here as yet.

I do not work quartz ores but
simply the auriferous sand
or tailings from hydraulic
mines.

Very truly
T. A. Edison
9

Cowley Co. Wash. Terr
Oklahoma April 16th 1880

Wm. T. A. Edison
Owens Park

My very dear Sir

Your distin-

-guished favor came at hand today
Having been absent prospecting
the new fur on Skagit Bold (Purley
is the name I wish applying) I have
taken the liberty of forwarding a
small package of same containing
furs from the Chehalis Bold (Purley
Grays Herbs. Washington Territory
and would be pleased to assist
you if it is possible in any of your
investigations is for forwarding
on samples of our furmery of this
country. Please let me know if it is pos-
sible to procure a machine for the
purpose of collecting the furs from the
land, and what it will cost.

I have written a

I am writing to Mr. Phelps Dodge & Co. of
 New York to inquire what success
 you meet with in the Tillingham
 I can be found at
 Mount Tabor, Skagit River till
 May 1st then at The Mining Balance
 if the season. Every thing looks fav-
 orable for an extensive Gold field
 (Believe me very much)

Wm. L. Phelps Sutton

or Thomas W. Phelps
 and Phelps
 at night

Please address
 A. L. P.
 New Tacoma
 Pierce County
 Washington Territory

We are not ready yet to
 furnish machines - The first
 set of machines will be for
 working black sand containing flour gold

CHAS. A. KINO,
PRESIDENT.

J. H. JAMES,
SUPERINTENDENT.

MERCER GERT,
SECRETARY.

OFFICE OF

Yellow Jacket Silver Mining Co.

Gold Hill, Nov 11/17 1890.

J. A. Edison Esq.
Milwaukee Wj.

Sir -

By mail to day I send
you photograph copy of a
drawing made by me of
the Yellow Jacket shaft -
which please accept with my
compliments

Yours truly
M. Gert



See his letter to Leth

St. Louis, April 15th 1880.

Mr. C. A. Edison:

Yours of 16th inst is received. I regret somewhat that your co is not now able to say what they would do. I am now negotiating in New York to have hydraulic works built on the property. If I work it by your process, the water works would not be needed. This is the only cause of hurry in the matter. I now think I will delay matters till you have an opportunity to investigate the dirt. I hope your co will conclude to give rights or privileges to work your process. If so, please remember that I have the first claim upon you for Arroyo Canyon Colorado. In order to expedite matters & save time

I have ordered 20 lbs of average dirt sent to you by registered mail. There will be 5 sacks, containing 4 lbs each. It will reach you in 2 to 3 weeks. I'll let you hear from your investigation of the dirt as soon as you can. From what you say about the California dirt, it anticipates a good report from what I said you. Be kind enough to send me the gold you get out of it. In regard to the amount of dirt, I will say that my friends have between 15 million to 20 million cubic yards. I believe a yard is more than a ton. So there would certainly be dirt enough to operate the rotation of a mill. I'll send you more dirt in the same way in a few days. I'll see let my have your report on the dirt as soon as you can. Very much obliged,
A. D. Williams, M.D.

723 Chestnut Street

Mr J A Edison

New Haven Conn April 19th 1888

Mount Park N. J.

My dear Sir

I was at your place on Thursday last, wanting to see you, but as you was in the hands of Lauryer found it impracticable. I received your letter of 15th inst. I understood by it that your process of saving Gold is with Dry Sand or Tailings only. Now let me enquire if you first separate the Gravel by Mechanical Appliances, as the Sand & Gravel are together where Hydraulics are used, as they cost 5 2/3 or could you not work a dry placer claim by first separating Sand from Gravel & then secure by your process the Gold from the sand. If so. Can you not work a dry placer claim composed of Gravel & Sand. Not being able to see you I would be very glad to get what information I can. My Son-in-law at Redding Cal. has a claim which he is testing on our own as Lermon admits getting one of the Russell Hand Machine. And if he finds a good prospect

wants to develop it, in the most economical
and successful way. They report from Pan
mashing a good show but larger than Gold
which cannot be secured by sluicing.

And I must say I am not yet satisfied can
be profitably worked by any Amalgamating
process with which I am acquainted.

allow me to say. I think I can apply
Mechanics which will readily separate the sand
from Gravel. if there for could put me
in the way of manipulating the sand.

I shall be pleased with a full
reply from you. And in mean time please
return Cut of Russell's Machine I left with you.
I shall hope to see you at some time.

I am trying to guide the Young Men in
a way to make the best Mines with reference to
his Claims. request him to send for some
sand when he can do so.

Awaiting your reply

I am Most Truly Yours
Wm Morrison

Yes we could work a
dry placer but it would
depend on the amount
per cubic yard - flour gold

- Gives no trouble, Can
you send a sample of
the sand ~~black sand~~
by mail -

on New Haven Ct April 19, 88

Charles W. Weston
and April 20

dear Mr. Weston
New Haven April 19, 1888
My dear Sir

I received your letter of the 14th inst.

and noticed some time since
a newspaper article about extracting precious
metals from supposed to be exhausted
mineral dumps, the last away of mines.

Said extracting process being of your own devi-
sing, and was representative and surpassing in re-
sults the first or original trial of the same dumps.

I have some interest in knowing
how to best obtain the most of whatever
gold or silver values from mineral vein stuff
but would not aim, nor wish, to elicit from
you the particulars of any cherished secret
which you may prefer not to impart.

I have only thought that I might properly en-
quire if you know of any new and
largely saving process which is likely to bene-
fit persons interested in mines? I address
this enquiry not as a successful miner, -
except it be a success which has been
sadly qualified by the loss of a valuable
mine through the foam of professed friends

who helped me some by a little loan, and
 then helped ~~the~~ ^{me} much more largely,
 as helping friends sometimes do. ~~They gave~~
 over the ~~money~~ ^{money}. But this is not relevant
 to my inquiry, namely, whether you are
 aware of any new and great improvement
 in the process of extracting either of the pre-
 cious metals, which process is likely soon
 to become public? I have not been
 to your attention, but will submit the en-
 quiry and submit it to you. Much yours, though a stranger,
 Charles Weston
 145 E. 1st Street
 New Haven
 Conn.

We only work so far
 and offer no place
 sands or tailings

Salt Lake City, Utah.

April 20th. 1880.

T. A. Edison, Esq.

Menlo Park, N. J.

Dear Sir:

Your cases of platinum & iridium sent to Mr Bliss & myself at Chicago last fall did not result in anything, but we have now located some 240 acres of rich placer ground, and through our location for a diked canal control considerable more.

I have intended securing a supply of the gravel and magnetic sand and taking it on to you in hopes that your process might prove profitable on our bars: I have been here some little time awaiting the arrival of Mr Bliss who came last night. Upon my broaching the subject to him, he tells me he has written you in regard thereto. I hope

to be able to leave here in a few
days and will bring on some
of our samples in the course
of a couple or three weeks.

Respy
W.H. Harrington.

Mr Bliss mails you today's
Salt Lake Tribune with marked
article.

6/ Salt Lake City 10-50
W.H. Harrington
Honus



~~12~~ all same for ^{Caracas} ~~Caracas~~ ^{Attorney} ~~Attorney~~ ^{at Law} ~~at Law~~.

NEAR THE COURT HOUSE.

CARACAS, VENEZUELA, 24th Dec 1880
such a nature as to require considerable expy

Thos. A. Edison, Esq., } the best method for working
Mendo Park, } economical & cheap
Middlebury C. Vt. }
Drs:

I take the liberty
of forwarding to you by express (charge
prepaid) three pieces of gold and silver
quartz from as many different mines.
I do this for the purpose of getting you
to test three different pieces - and to
ascertain from you - whether your process
for extracting gold and silver from
rock will prove a success on all or any
of these pieces - if you will do so.
These mines are all in this state &
have vast quantities of ore in them.
The piece marked "1" is from the Lucky
Queen and already thirty five thousand
dollars have been expended in machining
and in trying the various processes



ATTORNEY-AT-LAW.

NEAR THE COURT HOUSE.

Garnett, Oregon,

1886

but without success. In the mines
from which No 2 & 3 have been taken
very little has been done towards
~~the~~ developing them. Will you try
your process upon each of the mines
and give me the result and as to whether
a sufficient percentage of the gold & sil-
ver can be saved to justify the ex-
pense incurred in doing so.

I shall wait anxiously to hear from
you fully believing you will comply
with my request.

I am in very

Truly Yours.

J. H. Rayburn

We could work the sulphurites you
sent they were very rich -
Gold Run Cal.
Apr. 26, 1880.

Prof. Edison

Dear Sir

In my letter of the 18th inst. I omitted
to say that the sulphurets, or whatever we may call them,
sent you were procured from my works here. When I
clean up I usually save the last panning, I mean a small
quantity towards the close the main body of sulphurets had
ing been crushed or panned out, I could save large quan-
tities of these sulphurets if they were of sufficient val-
ue

Improvements added last fall, as indicated by a
recent clean up, show that the value of my works
has been enhanced more than 400 per cent. But had-
ing expended all my capital in experimenting I would
like to form an alliance with a suitable person who
can furnish the means necessary to push the matter.
Although I have no spare Mining pamphlets I will send you
a circular pertaining thereto, I also mail you some other printed
matter.

Hoping to hear from you soon

I am Very Respectfully &c. Bryan Tyson.

on Silver Park Col. agency
Frank Wilson
a may at

~~Not a good find~~

Silver Park, Custer Co.
Cant-wile silver Col April 22 1888
gold too poor
Edison

Dear Sir

Enclosed please find
tailings from the General
grant lead with a thirty foot
vain running twenty ounces of
gold has silver been tested. I send
you some of the talk to Henryight
from the vain allso some black
sand from the place claims
please test them & keep them
separate. I sent you a letter telling you
what I would in regard to the

claims we will deed you in
forth interest in each claim
to come on ^{you} send some
one to open them up we send
a fair sample of the land
on the Homestead ^{or then}
ing. Hoping this ^{will} reach you
safe to that you find a agent
soon you shall have the deeds
as soon as ^{you} become one send

Yours Obident Servant

Frank Burns
Silver, Park, Co. Colo.
Colorado

ST
TABER, MARKER & CO.
WHOLESALE GROCERS AND IMPORTERS
108 & 110 CALIFORNIA STREET.

San Francisco, April 28 1880

We Can work black

Sand to perfection

Mr. Edison. Sir

Keep us in mind you will
see by the paper upon my
news paper that you have a prospect
that will give you a prospect
that will give you a prospect
at a moderate cost induced by
sample of cheap sand
to write this note - I have 400
acres. title U.S. Patent - with no
incumbrances. situated on a
peninsula bounded on one side
by the Pacific Ocean and on the
other by Humboldt Bay making it
perfectly safe for the location of
any works. There is no Rock to contend
with, it's all sand most of it heavy
black magnetic sand - every ton
of which contains Gold some of it
produces quite largely when smelted
on treated by leaching process - yet

not sufficient to pay the heavy
expenses of treating it that way.
Water plenty only expense of Pumping
up say 10 feet on an average. The gold
is very rebellious thin scales and
much of it not perceptible to the naked
eye. I am willing to give you
or your agents all the opportunity
they want to try the sands and
if they think they can make it pay
sell or take a proper proportion
of the proceeds -

If you wish it I
will send you sample free of expense
to you - but think it would be more
satisfactory to you and them that
they select samples themselves all
of which I will give permission to do
My address is care of Taber, Haskin &
108-110. 6th St San Francisco Cal.

Very Respectfully & truly yours
Wm L Martin

Candlewick St. by
San Francisco April 28th 1880

Thomas D. Edison Esq
Windsor Park

I am interested in
process

a mine which averages 16% Copper and 26% Gold &
Silver to the ton - 17% Zinc - Iron 12% Sulfur 26%.
Will your process save the Copper & Silver?

Enclosed I send cut of Concentrator which I should
like for you to see should you come this way.
I believe that it will do more work and better than
any other machine. Should you or your agents come
to this city please let me know and I would meet
you at any time

Very Respectfully,

J. L. Church

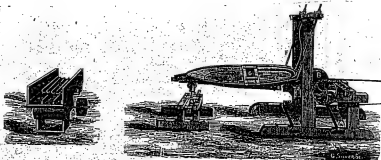
2727 California St.

or at Custom House

One horse power with run four Concentrator,
weight 5 or 6 lbs including frame which is
7 feet by 4 1/2 Pan 5 x 3 1/2 motion of Pan
same as the old Spanish manner of working in Wooden Bowls

CONCENTRATOR.

A, represents the Pan with water-pipe; G, screen-hopper, where the pulp is introduced; H, adjustable discharge gate; FF, adjustable rods for supporting the Pan; E, the frame; D, adjustable stand and roller for regulating the grade to the pan; C, percussion; AB, is a section of lifting and grooved cam (A represents the lifting cam B, grooved cam; combined.)



Dutch Flat lead

May 3rd 1880

Prof J. A. Edison

Menlo Park N.J.

Dear Sir,

A few weeks ago your agent Major McLaughlin called on me and I went with him to the American River to examine the works of Mr Dixon who has a process of washing hydraulic tailings. I was with him but a few hours and had not time to present to him as I wished, the American and Bear River tunnel project. I however briefly explained to him the nature and locality of the property, desiring him to lay the matter before you. He was favorably impressed with what I told him and promised to make inquiries about, and try to see Prof De Groot (whose report on this property and project I sent you with this) and would on his return give you the result of his inquiries. Since Maj McLaughlin left it occurred to me that I had not sufficiently explained the matter.

to him and that you would not have information enough to form an adequate conception of the features of the property and of the enormous wealth it contains. The Major says he has spoken vividly of me to you (as I have evidence in receiving your photo and autograph which I highly prize) I therefore take the liberty to address you on the subject and will present the whole project as lucidly as I can by letter. The report of Prof. DeGroot is so full and exhaustive that I will not go over the ground which his report covers. If you think it of sufficient importance to have Major McLaughlin stop here on his return to N.Y. and examine the property and post himself so that he may explain and describe the property to you fully by aid of maps, diagrams, &c which we will furnish him, I will afford him all the facilities in my power and if deemed essential probably could accompany him East at a reasonable compensation. I have the greatest admiration of your

transcendent genius and ability, from the reports of the proceeds extracted from the tailings Major McLaughlin sent you from this locality (which I assisted in getting and forwarding to your address) I am almost ready to believe that you have discovered the philosophical stone - certainly no such amount of gold was in the tailings sent you, unless it is that your process performs the work that nature takes ages to accomplish in producing gold. The ancients said Salt - Sulphur and Mercury (opius) will produce gold - Have you discovered the secret of the ancient philosophers and been communing with Paracelsus Lulle - and Filamel who alone seem to have perfectly known the mystery? But I digress, and fear my communication will be encroaching too much on your valuable time. As brief as I can make it, it will be lengthy. This property, which Prof De Quarts report will explain, is the largest body of Hydrargyric tailings that is capable of being worked cheaply.

to be found in any country. Their richness is known and can easily be tested to the satisfaction of any person. Their extent is set forth in the report of Prof. De Groot, since that report was made 1872 or 3 vast quantities of debris have been dumped into Bear River and its tributaries and the immense deposits yet to wash far exceeds in quantity and richness that now laying in the streams - Their richness has been again thoroughly proven and practically demonstrated this last summer by a Mr. Mader who dammed Bear River near the site of the proposed tunnel and put in an underscruit. The only material carried through his works were the lighter gravel and slums, notwithstanding this, the proceeds were large and profitable, the fishets this winter carried away his dam which was not properly built and he was therefore unable to derive the benefit of the quantities of coarser tailing carried down by the fishets. His test was sufficient, however, to

prove the enormous richness of the tailings
 lying in Bear River and its tributaries.
 The mode of reaching them is fully expl-
 ained in Prof Degroot's report. The most
 of the river is owned by a few gentlemen
 who like myself are not burdened with
 much wealth and are unable to handle it-
 and the efforts to get Capital interested have not
 been made with much energy. Without
 your process I believe it to be one of the
 best investments to be found in the state, but
 in connection with your process it is an
 Eldorado indeed. The whole property
 can be secured at a reasonable figure, the
 tunnel is estimated by Degroot, and when
 completed will furnish the grandest opportunity
 to concentrate and convey the tailings without
 any expense, to your works that is possible
 to have. I send you a map which shows
 a proposed tunnel projected since Degroot's
 report. It is about $2\frac{1}{2}$ miles farther up

6

the river than the other and about 1500 feet shorter. It also shows the gravel deposits which are tributary and yet to be washed into Bear River. When you have examined the report and maps, if you do not desire to investigate the property, will you kindly return them to me as it is all I have and it is very difficult for me to get others, as there was a very limited number of either issued.

Keeping to him from you soon and that you will have Major McLaughlin investigate what I have represented to you I remain

Respectfully Yours
E. J. McLaughlin

San Francisco

May 5th 1880

J. A. Eads Esq.

Dear Sir

our process against

was a curious black

sand, your sample which

you gave me some

months ago, probably had not

been upon it to indicate

wherefrom it was

from 9/10 of our

sample had been taken

made but allowed to become impure and almost

unusable - I have seen the opportunity, while there is

any - Consider

of securing large areas of this long

substance

for a more permanent conservation

making for presents you have found they can be

made to advantage by your process. - I hope

you will allow me to benefit in some manner

by it - Please state the result of your tests upon

this particular lot - And the kind upon which

I would be allowed to avoid myself of the use of

your methods - I am open for every suggestion

or to co-operate in any manner with you in

the matter. -

Respt.

Yr Obedt.

A. D. Cartwright

Room 19, C.P.R.R. Office

Corner of Third & Townsend St.

San Francisco

Over Jan. 1880

Pennsylvania Railroad Co.

J. City N.Y. May 4th 1880

Prof. Thos. A. Edison

Dear Sir,

Relating to the sample left at your laboratory yesterday Mr Coats states that it was sent to him with statement that the parties tried to work it but could not do so satisfactorily and that the sample furnished was in the same condition when dug up as you now see it excepting perhaps the mercury found ~~the~~ the sample, and that there are large quantities of it to be worked when once a satisfactory process is found.

Very Truly
Yours
D. O.

Let Coats furnish 3 or 4 lb
with no mercury in it -

or Cheyenne May 1885
James Adams
May 18

Don't waste any more
patents only place the
Cheyenne May 1885
May 18/85
Prof J A Edison
Menlo Park, N.J.

Dear Sir

I have noticed several
articles in the papers lately
in relation to a process of
your invention for saving
fine gold from pulverized
quartzes in gold mines, which
particularly interests me at
this time. I am one of the
first discoverers in, and hope
to be one of the leading develop-
ers of a new gold mining district
in this territory - Wyoming -
and should like to secure the
control of your process for this
district if adopted to the neces.

LONG BEACH IMPROVEMENT COMPANY,
OFFICES, 61 BROADWAY.

THOS. H. MARY, President,
ROBERT L. BERRY, Vice-President,
W. L. JONES, JR., Treasurer,
W. H. LARSEN, Secretary,
JOHN BERRY,
Wm. H. PETERSON,
J. A. BERRY,
J. P. BERRY,
A. P. BERRY.

NEW YORK,

May 7, 1880.

Prof S. A. Edison
Menlo Park

Dear Sir

Some weeks ago I received in my
box in your place. I left with me. Some
Black Sands from the North Bloomfield
Gravel Mining Co. some which you were
kind enough to say. You would have
examined if your assayer, and with me
the results. As your views and "modus
operandi" express some interest for the
amuse of Hydraulic Mines. I have waited
with some anxiety the result of your investigation
of the Sands I came to you. As I am
constrained to leave for Cal on Sunday
I shall not be able to again visit your
place, and I therefore beg to ask that
you will instruct your boy, or write me at
San Francisco Cal. the result of your investigation.

of the North Blomfield Sands

If I remember rightly, you
Expressed your intention of visiting the
Pacific Coast this Spring or Summer.

Should you do so, it will give me
great pleasure to have you in our mines
which are among the largest of now the
largest of the kind in the world.

Very truly
D. D. Johnson
San Francisco
Cal.

My dear Sir
I have received of you from
D. D. Johnson of San Francisco
a letter dated May 11th 1890

The one on the smallest can
given, about \$5. to the cubic yard
the large can with nate in it
gives only trace gold -

J. D. McGuire
Agent
Seattle Wash.

China Road, Humboldt Co.
California, May 11th 1880

Mr. Edison,

Dear Sir,

(Having noticed)

an article in the "San Francisco Call" regarding your search for Platinum and finding gold instead, I take the liberty of addressing you in regard to the same. I enclose a sample of some kind of metal which is here called Amalgam but I think it denotes Platinum. Your pills find on a large scale which is certainly Platinum - you may find it to be gold, although into an Electro Metal. Last winter in cleaning up, we found quite a lot of such places - some

Nearly 75 ft high long and half a mile
long. Double gold would not
give at a less heat than is
required for gold. And I find
that the mines along this
stream (Trinity River) show a
considerable amount of this
metal. If you are desirous
of testing the deposits along
this river - either for Plat. or Gold
I will deliver to a point of trans-
shipment ^{say} San Francisco, a number
of samples - or if they can be
sent to your agent in Cal. to
be forwarded - I will undertake
that free of expense.
This Nacoso Mtn. China Flat
is on the banks of Trinity River
70 miles below the above
near the county line of Trinity
and Humboldt. The deposits
have never been prospected.

with capital - got 1 brace that
is fast & will still be used
under the soil -
If the sample should interest
you enough to reply, please
address, Dr. H. H. Haines,
Eschka.

Humboldt Co.
Cal.

We are cleaning up our soil
Sanctus large plates -
and on hearing from you,
will be glad to buy more.

Respectfully,
D. H. H.

Sample sent is mostly Indian but there is a few
unrefined pt. is worth about 4¢ per oz. This would make
price of sample sent about 1¢ per oz. If this
old boy likes to see it, I would be glad
they have at that price. Is there any lead sand in
this consisting of heavy sand containing some gold

original from
H. H. Haines
Humboldt Co. Cal.
Dr. H. H. Haines
Eschka
Humboldt Co. Cal.
We are cleaning up our soil
Sanctus large plates -
and on hearing from you,
will be glad to buy more.
Respectfully,
D. H. H.
Sample sent is mostly Indian but there is a few
unrefined pt. is worth about 4¢ per oz. This would make
price of sample sent about 1¢ per oz. If this
old boy likes to see it, I would be glad
they have at that price. Is there any lead sand in
this consisting of heavy sand containing some gold

Fr Vancouver W.T. May 10. 1880
Brent Brig Genl O R. Greene
And May 18. 80

Say that our process is
the extraction from black magnetic
sand flow gold the purest the
Headquarters Department of the
Iron and Steel

we are not ready
for Gray but will be so
for Gray

Edw. Vancouver, W.T. May 10th 1880

them returns in 1880
that the Coast could inform
where ready to find
the sample just as it
is from your share
They are

permitted back of your
Newly mounted processes
for the extraction of
gold from the
is equally & extremely
applicable to the
of fine gold in the
Lands of the
too fine to pay by the
ordinary processes
at present known &
to use by miners -
also. Oby. to be improved

Can you do consider
it so applicable
if the right base the
process in Washington
Territory can now
be purchased say so
an about cost &
also about the
for amount necessary
to purchase the
Apparatus Machinery
Material &c for
practical working -

These questions
are induced by the
fact that two or
three small streams
in the vicinity are
known to be rich
in very fine gold
- so fine as not
to be caught in panning

quantity by ordinary
means -

I write to the
interest of several
officers of the Army
who if the process
be applicable the right
one it can be had
at such rate as shall
be within our means
into gladly form an
association for
practically applying
it here
We most respectfully
ask for all such information
upon this subject as you
may find at liberty
to give

I am Sir Very Truly
Yours
O. J. Sprule
Fort Bliss, Feb. 11, 1872

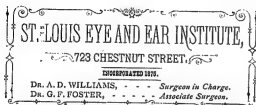
CARRINGTON & CASEY,
Grain Commission,
29 & 30 Produce Exchange Building.

We so far only work placer
sands & clutings but we are examining
ores in Situ, so you better send 4 lb sample
to us through mail for test

TOLEDO, O May 11th 1880.

Thomas A. Edison Esq
Menlo Park N.J
Syracuse

I have been doing notice
in the shape of your discovery of extracting
the ferrous metals from the other substances
contained in them as they come from the mine
of chemical ferrous being away with the
ferrous & metallic ferrous & the earth works
We have two parties of the place now
in Ohio & they have discovered
several mines but the grade of ore is low
\$12.50 per ton. On what terms can the
use of your patent be had for the above
state. Please for all the information you
can on the subject. Carl Gustafson
Several reliable men here would take an interest
in the business & for their personal attention
to working the ore on large or small
scale. The business will be valuable mining camp
in a few years. 695 Huron St. Wm Hebbell
Sd 0



Mr. E. A. Edison:

Dear Sir

Your letter of 6th inst
is received.

I learn from Colo that the placer dirt
was mailed to you by registered packages
on 1st of this month. It may not all come in
the same mail. It is original dirt of
average quality (at least it is supposed to be).

It is mailed as coming from me here. The
place it came from is not given on the tags.

It comes from Placerville Colorado
Burgoyne County. If you wish you can
mark that on the packages. They are
numbered 1, 2, 3, 4 & 5, but the dirt is
all from the same place in the bar.

I hope you will let me hear from your
examination of the dirt as soon as possi-
ble as I wish to determine as soon as I
can how I shall work it. The dirt will reach
you soon now.

Respectfully,

A. D. Williams M. D.
723 Chestnut Street

~~Very little~~
Samples recd its is good
Sluicing dirt the gold is

St. Louis, May 12th 1889

~~unusual~~
Some tried to amalgamate
no luck gold being
detected

The Gold and Stock Telegraph Company,

New York May 13th 1880

P. A. Edison Esq.

Mead Park N.Y.

Dear Sir: As I have not heard from you relative to ores I left for you to assay I will say that if there is not enough I will send you more samples. Please let me know if you need them, or when I may expect to hear from you as to those you now have.

Awaiting an early reply. I am

Very truly yours.

46 E 14th St.

J. D. Edmiston.

The ores were Copper pyrites
containing gold in paying
quantities if worked by process
now in vogue -

Mr. Thos. Howard, London, Ohio.

Hoping that the information given may be of some use to you, and thus indirectly to others, I will close by stating that this is the place lately selected for a harbor of refuge.

No frost or snow interferes with work in the winter. Plenty of water and provisions always easily obtained.

Respectfully,
Nicholas C. Sorenson
Post Office, Curry Co. Ore.

we have an op. and will separate finer from gold from black sand & give it pay and make the very best sort of gold with much less labor or trouble. We have a large deposit of black sand. The timber found in the neighborhood is admirably well adapted to the purpose. We expect to have on that coast next summer.

Nicholas C. Sorenson
Curry Co. Ore. June 7, 8

Post Office, Curry Co. Ore.
May 17th 1880

Mr. Edison

Dear Sir,

Having read with much interest your late discovery in separating the fine and almost invisible particles of Gold from tailings, I would like to call your attention to this part of country as presenting a great field for such an invention. A shovel full of Sand from our Beach will pan out quite a little streak of Gold, but the particles are so small that no one here, so far, has succeeded in catching it, or having caught it amongst a mass of the heavier grades of Black Sand, (Blue Black) they can not separate it. The whole country around here is rich in these small particles, so that after a squall of rain, it will leave streaks of black Sand in every little rut on the ground.

San Francisco
September 1852

and by lying down and looking closely at the sand, in the sunshine we can see the little particles of gold all through it. I have experimented on the Beach upon catching the gold, and did indeed succeed in putting up a rig that would catch it so that the tailings did not show much, but having caught it found it impossible to separate the concentrations, I have on hand a small quantity of these now, of which, with much effort, I took out \$1²⁰/₁₀₀ by amalgamating and panning, but the remaining sand looks so rich that it seems scarcely to have lost any of the gold. Besides it shows a curious feathery pale bluish yellowish metal which seems heavier than the gold, and a few dark brown or black lumps rather larger than a pin's head, which also seem very heavy. Now I thought, that if you will bear the expense of transportation, I would send you what concentrations I have, also samples of the Beach Sand, (top and bottom of deposit if you wish) and any other information you might desire. There is an ancient deposit near here, 10 to 35 ft. deep covering several hundred acres, with top dirt averaging from 8 to 40 feet on it, which is considered valuable for its free gold only, while I have good reason to believe they do not obtain more than 33% of it by present methods. Why do I write? Simply from a desire to see some one make use of the wealth scattered around, I have no pecuniary interest in the matter, and do not own a foot of such mining land, nor have an interest therein. Should you desire to make enquiries as to my reliability I may refer you to Mr. Jas. Pritchard of Newark, New Jersey, or to A. Crawford & Co. 25 & 27 Market Street San Francisco, or to

H. C. POTTER, RECEIVER OF THE

Flint & Pere Marquette Railway,

TELEGRAPH DEPARTMENT.

JAS. GREEN,
Supt. Telegraph.

East Saginaw, Mich., May 17 1880.

Noted with
J. A. Edison Esq on machines in
Menlo Park N.J. have none in use

Dear Sir:

I am in receipt of a
letter from a friend prospecting in Leadville.
He asks if I can get him ^{or a pair} one of your
gold extractors for separating fine gold from
sand without the aid of water. He wants to
know on what terms he can get them. He
speaks of two or three of them being in
use on the Arkansaw. If terms are satisfactory
he will probably telegraph to have them shipped
at once. An early reply will oblige

Yours truly

Jas. Green

AMERICAN EXPRESS COMPANY.



Philadelphia May 18 1880

Thos A. Edison Esq
 Number Park. N. Y. New York

I have forwarded from New York
 the Samples of the new Cars, as per
 your request. At my interview with you
 Saturday April 24. 80. They are numbered
 as you directed. The first Sample A No. 1.
 The second " " A No. 2

The two bags are packed in a box of
 today. Will be sent to you soon of changes.
 At conclusion. I shall be pleased to hear

you had better send me
a pkg say 3 lbs of roasted
ore to make a preliminary test
with. = mark on pkg where from & when
it may come by mail as 3rd class matter
W. A. Edison Co. Boston May 18th

Dear Sir

The enquiry I had from California
in regard to your process, was in
relation to making the finest kind
of flour gold, so fine that some
of it can only be seen with
a microscope.

The quartz is crushed to about
60 or 80 mesh, roasted, and
pulverized again, so that it is
almost an impalpable powder.

It is impossible to save much by
amalgamation, so they are going
to try chlorination which is
more or less expensive.

The ore is now in the shape of
tailings with all the gold in them.

^{or} Boston May 15. 58
If you can send me ⁵⁰ ~~some~~ ^{guaranteed} ~~nothing~~
in any kind of ~~kind~~ ^{kind} I do
not see why your process
is not as applicable to this
one as to any other.

Therefore would it not be well
to acquaint me with the nature
of your method and the charge
of royalty &c

Yours Very Truly

R B Pratt
108 State Street
Boston

I have a process
 as yet for extracting
 water, but have
 a prospect for the
 same oil process
 is nearly perfected
 and will be ready
 for use in short
 time
 H. Eddison
 May 27 1880
 New York
 Dear Sir,

Pardon me
 for again troubling you but I desire to
 ask if I could not make some
 arrangement with you by which I
 could use your method for extracting
 gold from the tailings of quartz mills
 & from black sand. There are a
 number of mills in this city also running
 gulches where black sand can be
 obtained similar to the specimens forwarded
 to you last fall or winter. If I can
 become possessed of the method I feel
 sure that good results can be obtained
 in the work not many have. Please
 answer me.

Yours truly
 D. Geo W. Monroe

Say that the price may be cheap enough
but could not be used for the purpose that I
desire them for at that price = 55¢ per
groat would be ^{the undersellable price} ^{large limit} that we could demand of
Zircos in quantities. May 25/50

P. A. Edison N.Y.

Dr. Sir

Yours of the 21st

to hand = Contents noted &c -

I will furnish you with Zircos at
(1.50) One dollar and fifty cents per groat.
Packed and delivered at Columbia's Depot
on the Spartanburg & Asheville Railroad =

I have had other applications to supply
Zircos at good prices = Therefore would like
to hear from you at your earliest convenience.
Also state what amount you would like
and in what quantities you desire them
shipped in. My Zircos are of good quality
and all of them sound =

If you should take a large amount,
I can furnish them at twenty-five cents
less per groat than the above price stated.
I would like an immediate reply - so that I

will be able to make my arrangements
in regard to your order =

Respectfully
Jas M. McMiner

divided
Hudsonville N.C.
for the house
August 1880

San Francisco New Mexico May 29/98

Mr. Edison

A. H. H.

Esq.

present perfected process

is one for working auriferous

black sands, without water,

might do perfectly if they sand

If you have some process in New electrical
discoveries, which will effectually & economically gather
it, secure "free-gold" as it appears in places, so far from
of the mining regions of the West & South West

and are disposed to turn it to practical use
for our mutual benefit, then I feel confident

of being able to indicate the location of very
great richness in gold.

The difficulty now is the lack of water
for washing or it would be occupied.

This difficulty however might be obviated
by American wells, but as it has not yet been done

the opening for big money presents, provided
some other process can be brought to bear.

I am prepared when necessary to give you your
reference, in N. M. and elsewhere

Very truly
H. B. Dowd

JOHN ROWLAND.

P.O. BOX, 80, AND

Am too busy making up
practical detail of my
various processes & thought to
write you, but
DEADWOOD, D.T. May 3, 1880.
I will soon be ready.

Prof. J. A. Edison.
Menlo Park.
N. J.

Dear Prof.

Please at me
know about what
time, do you think
you can give me
some instructions
as to how to go on
with the tailings
scheme.

In your last letter
you said you were

as you would get
through with your
Electric Light.

hoping to hear from
soon.

Most Respectfully

Yours

Wm. R. R. R.

For Jamison City Cal June 3, 89
P. H. Rens
Ward

Mr. Edison has examined
the whole of this and did
not find any gold

E. H. Edison Esq.
Menlo Park

Sir,

Three months ago
I sent you some black
sand to prospect for
platinum. The package
here included is for the
purpose to try it for
gold. You can do me
a great favor by so
doing and also a
benefit to yourself.
I can get 12 or 100 pounds
a day of the same and
if the result is favorable
it will not cost much
to save it and send it
to provide as the claim

is located on the river
about 40 miles

It is a matter of great
interest to me and will
change the face of mining
giving you full credit
for the discovery you made
I hope that I may
contribute a little to your
success.

Yours respect

J. Grand

If you charge for
for the assay I will
remit the money by post
office on receipt
of your answer.

Farmington City
Plumas County

June 3rd 1880.

J. W. RAYBURN,
Attorney-at-Law.

Office near Court House.

ALL BUSINESS PROMPTLY ATTENDED TO.

We can do nothing
without more ore send

Garnett, Oregon, 1880

8 lbs in 2 plegs by mail

they will come as 3rd class

matter only send average ore

being 1st mail whom from

2 1/2 lb each piece of gold ore found
at 17 which is full ore. Found 3 pieces
and can be send you even if you
want for it from my Company - There
you try and see what you want to send.
I will let you know before
you are successful or not.
Don't mind the name has nothing to
do with it as long as the ore is
as high as two thousand dollars per
ton. Write me the time of the
year and find the prices that will work
this ore properly.

Truly Yours
J. W. Rayburn



AMERICAN EXPRESS COMPANY.

Cleveland May 24 1880

Mr. W. Edison Esq.

Fourth Park N.Y. New York

I am in receipt of your letter of the 18th inst. In answer I am unable to answer your inquiries with sufficient intelligence. I shall have however for Boulder City on the 18th inst. I shall at once upon arrival obtain the desired information and advise you. On or about 15th inst. In the meantime if you desire any other questions answered write me at Boulder City. I am, Sir, very respectfully,
Yours truly,
J. W. Adams

JOHN ECHOES,
H. H. HALL,
H. H. GATLETT,

OFFICE OF

HOWARD ECHOES,
HOWARD F. HALL,

Schels, Bell & Catlett,

ATTORNEYS AT LAW

Hampton, Va. June 4 1880

Thomas A. Edison Esq.

Dear Sir,

The newspapers are constantly announcing patents to go for inventions some of which if applied to Virginia might prove of great value to our state and of profit to you. I refer, especially, to your patents for extracting gold & separating magnetic ore from the waste. We have a very extensive gold belt in Va. the ores of which, if they could be cheaply & economically treated, could be made to yield an immense amount of gold. Indeed a great deal of gold has been gotten from them by the old and expensive modes of extracting it. If your new mode of extracting gold can be applied to these ores, a large part of the belt could be controlled on the most favorable terms and be made a source of great state & individual wealth. By some attention to this matter you

may be enabled to enrich yourself and at the
same time render a most important service to
an impoverished state - Can you give the matter
a little thought, & time?

Yours Truly

R. H. Cadell

Will soon be ready for
business

Stoughton Va June 4 50
R. H. Cadell
square

Mineral del Oro June 1880

Geo W Smith

Agely

Mineral del Oro
Estado de Mexico
June 8th 1880

Professor Edison

Dear Sir

We saw the account published in the New York Herald of the result of some of your experiments in the extraction of Gold from "Tailings"

There is at this place a mine of gold and silver bearing quartz, very extensive. The gold is very fine and the ore needs to be ground to an impalpable powder in order to secure the metal by the usual milling processes of Stamps and Pans; and after the best efforts so far, there has remained in the tailings from five to ten dollars per ton of mixed gold and silver. Professor James of

California, when here, gave it as his opinion that the two metals were in the form of an alloy in the rock. Rock that will assay 300. to the ton exhibits no gold to the eye or under an ordinary lens.

If you have discovered a process by which the gold can be extracted from these tailings at this mine, it may be made of considerable value for in addition to accumulated tailings there will be added the tailings from 25 to 100 tons of rock daily for an indefinite period.

We would like to make an arrangement with you for the use of your process, and if you desire it we will send you samples of tailings as found in the creek below the mill, and as they come from the pans. Please let us hear from you and tell us how large samples you desire.

Geo. W. Smith. Mining Engineer
Behr St. Vague Mill Man.

We have no process as yet for Gold & Silver Mill Tailings but are experimenting on the Cornstock Tailings, The process which we have perfected is to work black sand tailings from ~~the~~ places & also natural deposits of auriferous black sand.

Paris 9 June 1881

The Edison Engine
our process is for working
plaster blocks New York
Sands & tailings from Mills though
but not ^{tailings} ^{from} ^{Mills} though
we are engaged upon that process

Please inform me whether
your invention of an improved
treatment of the tailings of gold
silver mines is perfected & patented
in Europe. If so, please give me
the fullest information & refer me
to your agents in Europe. I enquired
at the Telephone Co here, but was
unable to find any representative
of yours.

I own one of the best gold
& silver mines in Transylvania &
if I find your system to answer &
introduce it, I may be of considerable
use to you in making it known
to others. A prompt reply will oblige
me.
Yours respectfully
4 Rue St Roch Paris. Geo. E. Labatt

I thought while reading the manuscript that you had
under your treatment was a "Jesse" to do with Bennett
but after reflection on you many recent diseases found
in their way that nothing in your hands seemed impossible
pray receive liberties of a stranger although a country
= man. Trusting a favorable reply I am

Yours &c Lewis

Griffell N 20 June 12, 50
Griffell N 10 Aug 51, 50

OFFICE OF

Eureka Lake & Duba Canal Co., Consolidated.

No. 65 PINE STREET

We have made investigation
of your samples and find
that 55 cents is the lowest
4.10 is the highest - The
gravel is of such a nature
that we can do very little with it
but it is as good as the best
hydraulic gravel that I
have seen -

Thomas C. Edison Esq.

Marlo Park N. J.

New York, June 15th 1880

140 - 1/20 of Gold
per ton

Dear Sir: The long unusually cold winter,
and the severe storms we have had in California, and
which continued up to the past month, prevented our
Co. from doing any work on our Mining Properties, and
this the cause for not having as yet complied with
your request made to me when I last visited you, to
send you the samples of sand & debris - Even today,
I regret to state, I am unable to send you more than
the desired samples from but one of our Mining
localities, but the others will no doubt now very soon
follow, in fact as soon as such samples as you desire
can be obtained. Accordingly, I take great pleasure
in sending you today prepaid by Express, a Box contain-
ing five samples coming out of and from one of
our Mining Properties, and described as follows:

Sample No 1 - Containing 5lbs of dirt taken out of the sluice 700 feet from its head, after clean-up was made - the same having passed through a ground-sluice 600 feet in length before reaching the sluice from which it was taken - Average depth of Bank 75 feet -

Sample No 2 - Containing 5lbs of dirt taken out of the sluice 1400 feet from its head, after clean-up was made - the same having passed through a ground sluice 600 feet in length before reaching the sluice from which it was taken - Average depth of Bank 75 feet -

Sample No 3 - Contains 5lbs of original dirt taken out of the Bank of the Mine 300 feet from the head of the sluice and 100 feet from the surface - Average depth of Bank 75 feet -

Sample No 4 - Containing 5lbs of original dirt taken out of the Bank of the Mine 700 feet from the head of the sluice and 30 feet from the surface - Average depth of Bank 75 feet -

Sample No 5 - Containing 10lbs of dirt from the end of the sluice near the dump of the mine, being the savings

OFFICE OF

Eureka Lake & Duba Canal Co., Consolidated.

No. 65 PINE STREET

New York, 1897

of 100 lbs of the Dump as you directed.
Average depth of Bank 75 feet.

When you have finished your investigations
with the foregoing samples, which if I dare express my
desires would be as soon as possible, it will then be
a great pleasure for me to call on you at any time
you may direct.

Yours Very Respectfully

H. Woodleaf
H. Woodleaf

BRAINARD'S HOTEL.

T. B. BRAINARD, PROPRIETOR

PEARL STREET

Boulder, Colorado, ~~Nov~~ 14 1880

Yours to Order
Yours no 1

I A. Collins Esq.
Nursery Park N.Y. Dear Sir
I have very much been 12th. I have
made careful investigations. Now we have
your list of 1st instant. ~~With some changes~~
of amount.
First. The two Bags of Yellowish Ore.
No 1. & and the 2. B. were selected from
the sample of ore of our Mine. No 2.
was selected with some care. The No 2. B.
was taken from the upper or front part
of the sample. These Ore, are the same
as our product in the Concentrating Mills.
and just through the washing process. Reducing
15 to 20 tons down to one ton. At a cost
of 4.00 per ton for the 15 to 20 tons. The
Concentrates are then sold to the
Smelters ~~at a price~~. At the ~~same~~ ~~price~~
~~same~~. The Ore are taken out in this

BRAINARD'S HOTEL.

T. G. BRAINARD, PROPRIETOR

PEARL STREET.

Boulder, Colorado, 1880

from shafts and tunnels. At various depths according to the amount of water above upon the mine.

Third The Ore can be procured. At the rate of One ton per hour per day, and upward. Long. With a force of men and upon each mine. Two to fifteen tons daily Fourth. There are a large number of lodes or mines in this country which produce this quality of Ore. I have. They can be examined by "The Standard."

Fifth The location of these mines from the Railroad and in distance from 6 to 14 miles. The road running down through the canon.

Sixth Work is plenty. Any amount can be obtained. (For mining purposes) at nearly the cost of cutting and hauling. They have 3.00 to 4.00 per ton. Mining at any amount from upon Boulder Creek.

BRAINARD'S HOTEL.

T. G. BRAINARD, PROPRIETOR

PEARL STREET.

Boulder, Colorado,

middle location for a trail with water
can be obtained at a nominal cost,
& it is desirable.

Eight. The crossing from the river to
trail, at some central point. With
from one mile to four, according to
location.

Twelve. The middle of river, say from 1/2
to four feet. For the river and quality of water,
which they are all one & the same.

Twelve. I am safe in stating, that
you can approach your day. Other
it is possible. The estimate is for
small. There is nothing the situation of
I have been asked to advise. There
proving for your experiments. And a
great fortune. Write for yourself and
I will be happy. I should be happy. I should be happy.
I am or before July 1st.

Very Respectfully Yours T. G. Brainard

White River Iron Co.

PITTSFIELD, VT.

June 16th 1880.

Send sample materials
with details as to the
exact object you desire
Prof. Edison we can clean gangue
from any iron ore magnetic
or not. We notice in the June
issue of Scientific American a diagram
of your Magnetic Ore Separator. The method
seems to be good for our use. We will send
you samples of our magnetic ore and shall
return it as a favor if you will test them, and
advise us if your Magnetic Concentrator can
be well applied in separating our ore.
Please state the cost of our machines in your
reply and oblige.

Yours very respectfully
White River Iron Co.

Alfred Phillips

Adelaide Villa

Botany St, Waverley,
Sydney, N. S. Wales,
Australia

Over

17th June 1885

To Professor Edison,
Menlo Park

Sir, I would respectfully claim the privilege of addressing you on the subject of your recent valuable discovery in connection with Quartz Roofing, a full account of which appeared in the Sydney Mail and purporting to be an extract from the New York Herald. The many advantages which must necessarily accrue to farming interests from the adoption of your Patent are too obvious for me to enlarge upon now. More particularly as respects a country like Australia, where Quartz roofing has led to such boundless wealth. Many of our most experienced miners and owners of rich claims, have been cognisant of the fact, namely, that had they possessed suitable mechanical appliances to work with, the thousands of tons of Quartz lying idle and treated as mere refuse, would have yielded, instead, the marvellous per Centage of profit set forth in the New York Herald.

It will doubtless, have come to your knowledge, that a vast extent of Quartz Roofing was carried on a few years back at Hammond's Hill, N. S. Wales. Conspicuous among the Reefs were Richmonds, Beysers and Hottelmanns, Vaxtons, Star of Peace, Carroll and Beards, Rampant Lion &c. which yielded the enormous sum of £877,943, as per Government certificate; so it will be readily apprehended that

The Tailings left from such a quantity of gold, would amply repay the employment of your Patent.

As you might, possibly, entertain the idea of securing a patent for the Australian Clonies, - the cost for which would be £20 for 14 years, - I am induced to offer my services as sole Agent and Consignee for the disposal of your invention -

I am personally well-known to the claim holders named - the first of whom (Krohnman) now deceased, was my brother-in-law as well as partner in his celebrated claim, which produced £203,760 - These gentlemen can bear testimony as to my fitness for the business solicited.

No, Sir, I possess a considerable estate in the Colony as householder - land proprietor, and shareholder in leading public Companies.

I would be prepared to give any class of security you might deem necessary for the protection of your interests and the carrying out, faithfully, the project now suggested.

Trusting to receive the favour of an
early reply embracing all particulars con-
cerning your Patent.

I have the honor to be

Dis.

Your most obed^t servant

John Henry

You did not read the paper carefully or you would have seen that it was not Mill tailings but the tailings from the Great Hydraulic placer mines of California. We are however at work experimenting on mill or quartz tailing as there are very rich in most of our mines & we have just perfected a method of washing low grade sulphate (from Sulphur) ~~tail~~ containing not less than 8% sulphur which will compare favorably with the best.

Boston Mass June 18th 1882

Mr Thomas C. Edison

Capacity of large
machine about 150

time of iron either oxide or
magnetite or pyrites will
be used in the machine except

Should you find enough
to inform me as to what you
have not yet got any cost in
the sort of the machine recently
patented by you for separating
magnetic sand. I have also in
me something about the capacity
of the machine on the supposition
that the material put in the machine
is from 13 to 1/2 magnetite.
I would also like to know the cost of the
machine & how much power is requi-
red to run it. How long will it
take to make the machine after you
receive the order?

Very truly
yours

J. W. Weeks

#28 Staniford St

Boston Mass

We have a process for
Telling ores of Boulder
Co but are working on them
So far as yours is Telluride ore
I would like a 1/2 lb sample mail
Would care to send you
To test —

Dear Sir,

Will you kindly inform me by return mail if you
have perfected your treatment of Low Grade Silver and Gold
Ores by Electricity? I am engaged in the reduction of Silver
and Gold Ores in Boulder Co, Colorado, and having noticed
the accounts of your experiments in U.S. you papers would like
to add your process to my work. Please inform me the price of
your process if you sell it, or if you charge royalty, also if it will
reduce both High and Low grade Silver and Gold Ores, and at
what expense per ton or cord, (a cord, seven tons) I am East on
a short business trip, would like to hear from you soon. I shall
on a new mill at Ward, Boulder Co and my scheme, where we
have numerous quantities of Low Grade Silver and Gold. Want to
get the best process, and from the published reports return your
process superior to the one I used in practice in various Boulder Co.
Yours Respect

O. B. Wheeler

June 18th 1890

Donald Valley

Sullivan County, N. D.

or Canon City June 24 80
P H McTear
a July 2

Canon City Colo
June 21st 1880

Edison

The Electric Light &
Dynamotest of
New York City
Doris Dyer

Please inform me as
to whether there can be a
magnetic plate made to
attract the precious
metals from the sand
& gravel & if so where
can I get such a plate
I should want one 1/2 of
an inch thick 18 inches
wide & two feet in len-
gth - Highly magnetized
Can you tell me where
I can find a magnet

for Platinum
for your early reply to
the above will much
oblige yours truly
J. H. McFarlane
Hillsdale
Colorado

Magnets only attract Low
sand that is black sand,
We have a machine that
works the gold out of 150
tons of pure black sand
per day - platinum is
worth \$3. per oz. I will
take all you have at that & all
price, send sample

H. A. JOHNS.



H. A. JOHNS & Co.,

PROPRIETORS

TILGHMAN JOHNSTON.

National Kolin and Fire Brick Works,

ON THE PHILADELPHIA AND BALTIMORE CENTRAL RAIL ROAD,

Brandywine Summit P. O., Delaware County, Pa.

Thos A Edison Esq,

Menlo Park, N.J.

Brandywine, Brandywine, Pa., June 21st 1887.

Send sample of iron

particles which you desire removed

in the Scientific American a machine patented by you for the purpose of removing iron from other fine materials.

On the preparation of Kolin for market a large quantity of pure flint sand is worked out of it which could be ground and used also in the manufacture of Pottery, if the small particles of iron which it contains, could be separated from it.

Will you please let me hear from you, if you think the machine would answer our purpose, also giving us further information in regard to price, generating the electricity for the magnets etc.

Very respectfully,

L. A. Johns & Co.

If you think it worth while, we would like to send you a small sample of the sand containing the iron.

Said a sample or we
could do business together

Edinburgh June 22 - 1880

Mr. J. A. Ballman

Dear Sir, Some
time since I wrote you I have
made recent survey the account
of which forwarded by mail which
I been under press, those other
parties have no connection with
as you will perceive but are
unwilling to possess the claim
as well as several others in correspondence
with me, if you are not connected
with them please let me know
you shall have the first offer
the tract, & Range is over 7 miles
in length & I will warrant
minerals or no sale throughout its
length, I do not propose to furnish
specimens as I have too many
Applicants, but will locate a site
where the minerals can be obtained
by a test without much expense owing
to the lightness of the drift on the
tract the test must be made
by the purchaser or his reliable
Representative, to leave no doubt
of their Existence in deposit, in
the mean time I require a
deposit in a bank here as a
pledge of good faith for the sale
of said tract pending the test
to be fully consummated on the proof
of such mineral by test or no sale

of the same mine
Respectfully J. A. Ballman

Mr. J. A. Ballman N.Y.

Dear Mr. [unclear]
 I am very glad to hear
 of your success in our local
 Democratic press here and to
 editors are devoting to my interests
 owing to their tendency to favor
 other parties. That I am opposed
 to

Plattburgh, N.Y. June 1st 1898
 Pullman
 Agnew

Hendersonville, N.C.
June 28/50.

P. A. Edison
Mumbo Devil, N.Y.
Dear Sir

Your favor of
June 2nd to hand. Write me what amount of
Sirocco you will take at 50¢ per quart.
Buckd. seed delivered, on the Spartanburg and
Asheville Railroad - at Columbia Depot -

If you think best to deliver them there,
if not they can be delivered at this place -
Answer at your convenience -

Respectfully,
J. M. Edwards

You can send 200 quarts at first
as a sample ship by freight,
I will run these through & if satisfactory
will send a large order -

Carl Weinberg,

DEALER IN

Drugs, Medicines and Fancy Goods, Stationery,

Matches, Clocks, Jewelry & Druggists' Sundries.

Republic, L. S. Mich. Journal Co., 800

Thomas A. Edison Esq.

Miner's Park Bldg.

Dear Sir,

I would like to have
your terms and some general
information for the pur-
pose of using your pro-
cess for reduction of
bold ore, also whether
it is applicable to any
stamp mill

I am yours truly,

Carl Weinberg,
in the interest of the Gold
Star Mining Co. of Permyne
Miners near Custer City, Dakota

Our process is at for mill
tailings, but for Placer black
sand tailings or natural deposit
but we are working on Cornstock tailings & expect
soon to finish a process

Red Hook June 25/90
Professor, Edison
I never advertised for a manganese mine
and sample of your having seen an
advertisement stating that you wanted
to get a Manganese Mine i have
one hear which will prove very rich
and valuable i also have the largest
Paint mines in Red & Black lead
to be found in the State sample picked
from the top of these mines without digging
gives four lbs of Silver to the ton from
an assay made at the school of Mines at
New York for particulars Call on my
address

John Haligh Teller
Lower Red Hook
Dutchess Co. N. Y.

OFFICE OF
The Singer Manufacturing Company;
No. 34 Union Square.

New York, June 28th 1880

Thomas A. Edison Esq.,
Menlo Park, Middlesex Co. N.J.
Dear Sir,

I learn that you have obtained a patent for extracting gold from Pyrites; and a friend of mine wishes to obtain the management of it for "Australia and New Zealand". The process is said to be a cheap one and very fine. I say "Edison can make a gigantic fortune and I can do very well with it." My position and surroundings render me peculiarly fit for such agency, having had to do with the richest gold and pyrite fields in the world, and being connected with one of the wealthiest institutions - the Bank would allow me all the information and assistance to work such a patent.

I wish to learn if this information is correct, and if it is feasible for him to obtain this patent or control thereof.

OFFICE OF

The Singer Manufacturing Company,

No. 34 Union Square,

New York: _____ 1882

Enclosed to forward you a Report of the Bank of New
South Wales, and in case you prefer to communicate
direct with my friend his address is

Charles E. Scriven Esq
Bank of New South Wales
- Sydney - Australia -

My own references are
The Singer Mfg. Co. 34 Union Square (an employee)
The Chemical Bank. As Chairman of Boarding
Room Bldg. (1 Bowler) Cor Wall & Nassau St.
and many others, including *Leff Smith of the N. York* *St. L.* *to*

This is not an idle inquiry, but is
meant for business.

Hoping to hear from you as soon as possible

We have the process
but are not yet
prepared for business
too busy on Electric Light,
James Meehan
34 Union Square

Boston June 29th 1880.
28 Staniford St.

Mr. T. A. Edison,
Dr Sir,

Your favor of the 24th is at hand
I would like to inquire, - You say that the
capacity of the large machine is about 150
tons of iron, either oxide or magnetic, Now
in your machine does the oxide of iron and
the magnetite fall together or are they separated

Respectfully,
A. W. Beckley

The ferrous or ferric oxides as well as
the magnetite can be made to fall
together or they ^{magnetite may} be separated
from the oxides, but it is difficult to
separate ferric from ferrous oxides.
The machine requires ² horses or
a small motor of 2 horsepower

HIGHEST RATE
PAID FOR
GOLD DUST
AND
GOLD AND SILVER
BULLION.

B. HIGBEE,

Dealer in General Merchandise,

Silver City, N. M. *June 30 1880*

*As a matter of fact
I report for every
ounce of gold
I receive I pay
+ 99¢*
T. A. Edison

Ulen's Fork N.J.

Dear Sir

I will be pleased to hear
from you when you have the
Dry Process for raising Placer
min on workings. The Webster Dutch
Process from which the samples I
left you were taken are being
worked at a profit though under
many disadvantages as they have
water only but about one day
per week. I feel confident that
you will succeed in making a
success of the Dry Washer & as
I told you while at Ulen's Fork

HIGHEST RATE
PAID FOR
GOLD DUST
AND
GOLD AND SILVER
BULLION.

Office of
R. B. HIGBEE,
Dealer in General Merchandise,

Silver City, N. M. _____ 18____

that I will but in interest in seven
claims of the richest Placer found
on this continent against an
interest in your invention on
that I will buy one of the Machines
the moment you are prepared to
say that it is a success. one with
a capacity of 10 or 15 tons per day
will be large enough. As an
honor from you I oblige

Yours Very Truly
R. B. Higbee

OFFICE OF

JOHN BOWMAN,

Proprietor of the

PRINCEVILLE SAW MILL,

—Dealer in—

HARD WOOD LUMBER, POSTS & C.

Princeton, N.H., 30 June 1890

Mr. J. A. Edison

Dear Sir

I sent some material to you
by Charley Andrews & got word
back there was a little gold & silver
in it but not enough to pay.
now I will explain the case
to you & let you judge if it is
worthy of attention. We have
found gold here & it extends over
considerable territory we are
green at the business but have
made the discovery & if there is
anything in it we want to
know it & if you can help us out
with it we will agree to any
terms that are half reasonable

We put up 36 ft of sluicing ^{10-12 inch wide} & gave
them 3 ft fall washed about one
cubic yard of dirt & got about
50 or 60 cents worth of gold & out of
it that which we sent to you
we did not think had any gold
in it & we knew nothing about
the silver we thought it was
not the common black sand
because we could not take it up
with the magerate & that ^{which} is
^{we don't know} not more than one tenth perhaps
not one twentieth part of the black
sand that ~~was~~ was in the cubic
yard of dirt we washed for we
did not try to save all the black
sand & we had no quadsilver
in the sluices & were only at it
4 or 5 hours altogether & had very
~~much~~ made up our minds it
would not pay.

now what must we do
well we wash out some I think
the whole of the washing to you
or will we send the dirt as it
is & if so how much of it I suppose
we will have to pay freight on
it we can furnish plenty of it
here but would not like to
freight a great deal there.

I'm sorry that we never saw
sluicing done before we did it our
selves & have never tried it but
now & all we know about the
business is what we have picked
up without even seeing gold
mines at all.

By the by Larue Anderson is
working for me now & has
been for some time which is
the cause of my appealing
to you in this case.

we had not think had any gold
in it. It was known nothing about
the silver we thought it was
not the common black sand
because we could not take it up
with the magarade. ^{which} That is
^{we don't} more than one tenth perhaps
not one twentieth part of the black
sand that ~~was~~ was in the cubic
yard of dirt we washed for we
did not try to save all the black
sand & we had no quicksilver
in the sluice. It was only at it
4 or 5 hours altogether. It had ~~very~~
~~very~~ made up our minds it
would not pay.

now what must we do
well we wash out some. ~~head~~
the whole of the washing to you
or will we send the dirt as it
is & if so how much of it. I suppose
we will have to pay freight on
it we can furnish plenty of it
here but would not like to
pay freight a great deal there.

I am sorry that we never saw
sluicing done before we did it our
selves & have never tried it but
now & all we know about the
business is what we have picked
up without ever seeing gold
mines at all.

By the by Sam Andrews is
working for me now & has
been for some time which is
the cause of my appealing
to you in this case.
~~But~~ Hoping you will find it
convenient to give this some
attention soon I remain very
respectfully yours J. H. Keen

Box 159 Pineville
Beoria Co. Ill

It is not the gold
that remains in
the pockets of your
men that I care
about, but that which
escapes over the
fence.

get too many
plans of my
own

Comp

August 7. 40 Hicks Street
Brooklyn
Thomas A. Edison
Esq.

I have just come here from
the Black Hills, where I have
been for the last three years,
engaged in working over tailings
from the mill, hunting amalgam
in the cracks &c. I have a plan
which could be put in operation
in every gold quartz mill,
at very little expense, which
would effect a saving of at
least 20% of what they now
get. I would call on you, if
you would care to interest
yourself in the matter, as I
could do nothing with it myself.
Respectfully Yours. Fred Cress.

✓ Brooklyn Flyers
Fred Crews
a guy / b

12. Inman street,

San Francisco, July 2nd 89.

J. W. Edwards Esq.

Dear Sir,

Your favor from 24th is received, thanking you for prompt reply.

I have use for several of these machines, of from 10 to 20 and more h. p. therefore please permit a few more questions.

1. What will be the price of a 5, a 10, a 20, h. p. engine?
2. Canst they be laid in N. Y. or could they be built here?
3. What would be the difference of running expense between steam & electricity?

Please inform me of all these details, because I would introduce this power at once, and am certain to be able to introduce the steamers made in our newly developed mines, for hauling as well as small purposes.

Your engine is very satisfactory to me, because our one that was formerly implemented in 1855th has been so long that the power was much in want to be replaced. I am, Sir, J. W. Edwards.

Can you show details
available to them

I have been told
 that you are
 going to the
 West. I am
 glad to hear
 of it. I hope
 you will have
 a successful
 journey. I am
 sure you will.
 I am, my dear
 friend,
 ever,
 Yours,
 Wm. H. L.

Y. A. Edison Esq -
Manlowe Park
New Jersey -

In writing to you, I must in the first place give my reasons for so doing. Prefacing, that during the last few months your name has appeared in the papers of this colony; connected with a valuable discovery in gold mining appliances.

It is with a view of effecting with your aid
a reform in the mode of extracting gold, that I take
the liberty of addressing you.

As an introduction, I may state that as District Engineer under the late Provincial Government, it has part of my duties to carry out a Scheme for

for supplying the Mines of this locality with water for Hydraulic Sluicing, that I am now resident here as County Engineer, being largely interested in Mining, both Quartz and alluvial; I can assure that with improved appliances a large field is open for turning your discovery to our mutual benefit, as well as to the increased development of mining, and consequent good to this part of the Colony.

Now your discovery may be applied, and in what form our connection may take, you can best judge when I describe the modes of Working in this locality, and the nature of the bounty to be voted upon. In the first place, the immediate vicinity of the Townships, is an alluvial Diggings, being in existence over 10 years, the mode of Working is similar to that in California, viz - Hydraulic ground sluicing.

The gold obtained being exceedingly fine (almost as flour.)

With the rough and careless way of Working in vogue, more especially in the early days of the Diggings, must necessarily have led to a large proportion of this fine gold being carried beyond the short tail races in use; it will then be easily understood that this gold would be deposited in the adjoining gulches, which in most instances have

have but little fall, thus the accumulated tailings for 15 years from the large number of Claims (about as 500 with 3 men in each, and as at present 100 with 3 men in each) would create an enormous area of tailings containing fine gold to be acted upon, if I am right in my supposition, that your discovery is applicable to alluvial tailings.

It formed part of the Water Scheme to which I above referred, that a Main Sludge Channel or tail race, 10 Miles long, was constructed, and is now in use, (this might be utilised to the saving of gold.

I would now refer to the Quartz reefs -

This part of N. 4 is about 2000 feet above the level of the sea, and intersected with Ranges, towering 4 to 6 thousand feet above that level.

Quartz reefs abound, but want of Capital and population has delayed their earlier development.

I am largely interested in two reefs now being worked, in the one instance, I may safely say that the stone is capable of turning out 6 and 7 ounces to the ton; with our primitive methods of extracting gold, and the antagonistic minerals we have to contend with, have had the effect of rendering this mine to us almost worthless. - The other reef in which

Sam. interested has returned 2 1/2 and 3 ounces to the Son and doubtless the same quantity of gold is lost.

In these instances there is no large accumulation of tailings; but in other portions of the District say within a radius of 50 Miles - there are at least, 12 Quartz Mills at work with accumulated debris.

I omitted to mention that in my County there are 10 or 12 Digging Townships, where Hydraulic Flushing is being carried on, - the nature of the wash dirt in most instances being a fine Quartz drift - carrying fine gold.

I would also state that Timber is exceedingly scarce in the County; we send to Dundee, a distant 90 Miles for it, Cost of transit - £4 - - per ton; but lignite abounds in unlimited quantity.

If you consider this County as a field for your gold saving discovery, and myself a suitable Agent to its introduction, ^{and also} I will with my best efforts co-operate with you in effecting the desired result.

I remain
Sir -

Your Obedt. Servt.
Richd. W. Browne & Co.
Manufacture County Engineer.

\$5. per day no water, a ton of
ore would be 6000 lbs. as you

Philade July 6. 57
was in the form of magnetite crystals
distributed through gangue;

Thos A. Edison Esq
Menlo Park N.J

Denzki

Share in Lancaster
Co. is a magnetic ore mine
(iron) of increased extent - but
it does not assay more than 30 to
50 lbs of iron. But by pulverizing
and concentrating the ore it yields
70 lbs of metallic iron -
of this ore is a small

As this ore is so highly
magnetic it appears to me that
your new process is adapted to
the concentration and pressing it from
its gangue which I had cruen-
tated was done by Imlays' wet
process. If your machine

Philadelph.
J. F. Kelly
Apr 7 80

is in working order I could
take some to your works for
trial. Would a shot bag
full of the puttyright or be
sufficient to make the test?

An early reply is desired.

Yours Truly
J. F. Kelly



July 9th 1882

Thos A Edison Esq
Mills Park N J

Overs

Sir:

Overs

By request of a friend I write you concerning an invention for saving fire or flint gas. Said to have been made by you. The party to whom I refer has a tract of land covering some acres on which the washed dirt is from 6 to 8 feet in depth and thoroughly impregnated with fine gold. Under the old method of work, with sluices and quicksilver the mine pays an average of about \$1.00 per day to the hand. Having been informed that you had perfected an arrangement for saving fine gold which far exceeds the old methods, he requested me to communicate with you. If you can find time to answer this



888

Our process is for working
Black sand containing rusty &
flour gold. If your friends deposit
is a black sand one I can
give him what is required but
if it is mostly quartz sand
can do nothing

nothing or very little
to be done

Respectfully B. D. Johnson

You will confer a great favor on our admnistr
of your opinion

We cannot undertake to go into
mining but can furnish machinery
that will work clocks and deposit
with the greatest economy & facility
with the greatest speed. W.M. July 10/88

J. A. Edison
Mendocino Park
S. P.

In reply to you of 24 Uts
found on my return from an absence of some
days, I beg to state that while there are no
"placers of black sand" in this vicinity that I
am aware of, yet I am sure of being able to
indicate & indeed supply claims of that charac-
ter if proper inducements are offered one in
the way of purchase; an interest in profits however
preferred & if agreeable a personal supervision
of the operations if conducted at the times at
such salary or compensation as would be
proper for such services on my part.

Hoping further upon the subject from you and
promising when necessary to satisfy you fully as
to my reliability, I am, Sir, very truly
Yours very truly J. A. Edison

Newark N.J. July 12, 1850
J. H. Bonnell,
July 19, 50

Mr. H. & M.
will have a copy
of the above
sent to you
at once

Newark July 12th 1850

Thomas A. Edison

Dear Sir

I have just received a letter from Mr. P. D. Moore of Washington D.C., in answer to one I wrote him after I had been at your place with the samples he sent me. I will copy what he says in respect to the sand deposits.

He says. The sand I sent before which Mr. Edison tried is just as I took it out. And the whole deposit is clear sand, no gravel, pebbles, coarse sand, or dirt in it. Occasionally we find a small shell, but a great deal is seen without a shell. That which is above high water mark is covered with six inches of gray sand where it is covered at all, and the pure black sand is from one to three feet deep. That between high and low water mark (2000 feet long and 120 feet wide is a -
about one foot deep and is also covered ^{with} 4 or 5

inches of gray sand. Besides this pure black sand there is a great deal of black and gray sand mixed, which carries a good deal of feld-
I sometimes think as much as the pure Black.

But the deposit I wrote you about is pure black sand just such as I want, of course I do not and did not claim that the deposit would average as good as No 1 but I should think it safe to say it is as good as No 2 and No 3 mixed. I have not time to say more at this time except that I am greatly pleased with the results of the sample. I shall try and arrange to get East as early as possible. And I appreciate your prompt attention to the matter. You did not tell me what one of his machines with necessary power will cost. Write me. I will write again and send samples of sand.

Mr Edison: Could you loan me with the cost of one of the machines and the power to run it? I should be pleased to send him the information. When I receive the samples I will either forward them or bring them down.

Respectfully, W. H. Permel
218 Main St. New York

B. N. Stevens, M. D.,

Physician and Surgeon

Office--North Side Public Square.
Residence--West Side School House Square.

Our machine is to work pure black sand
containing flour gold ^{Chicootho No. 1144-13th 1892} found at many
places along the Oregon Coast ^{but there are 1892}
Some dyasite which contain ^{some silicea or}
black sand but it will
work easily with the ^{profit guarantee of time}
not pay we sell the machine at cost ^{of 1892} I write to ask you
some questions in regard to your invention for
separating fine gold from sand. I have some
relatives living on the Oregon Coast--they have
written me several times about the sand containing some
parts of the coast containing quite a percentage
of fine gold but say they have no way of separating
it to make it pay--what I wish to ask is what--
do you propose to do with your invention?--do you
purpose to sell the right to use it in certain territory
or do you intend to establish agencies--and take a
per cent of what is made by the working of the
apparatus. My father lives on the coast and is a
practical miner, if any arrangement could be
made with you for that part of the country
I should be glad to know it.

Respectfully yours
Byron. N. Stevens

We can work black sand ~~conts~~
containing fine rusty flour gold so fine
that you can see it with pan & can
do it with the greatest economy &
ma July 19th 1880
freight requires no water
Give me more information

Mr Edison Dear Sir

I see by the papers that you
has found out the process to save
gold out of the black sand & tail
ings of mines I would like to know
on what terms I could get your recipe
as there is tons of sand sluiced into the
Trinity every month also if Platina
is ever found in quartz I worked about
14 years ago on South Fork Trinity
& to every \$10 I told we would get about
2.50 of Platina & used to pick it out & then
a way as the man that taught the dol
would not take it if left in & there
was a ledge of half decomposed quartz
& when we went above it we got nothing

To
Livinston Co. July 18 50
Alex Mcgregor
Aug 9, 50

& I have not been back there since
but if I thought that platina was in
with the gold I would go & prospect it
I would have little soon but Ominous
is laughing at me says that no man can get
gold where it is not to be seen I have seen
all ledges ~~but~~ but the gold is as fine as
flour but if I had the means I would
work some of them but I work by
the day & has to support wife & family
in Canada I shall enclose stamp
& please to answer soon

Yours Truly
Alex Mcgregor

Livinston Trinity County
Cal.

only expensive machinery
 flow gold from the
 sand & gravel
 much better than
 can't get it out
 or a wide range
 large the amount of
 we sell much at cost
 we are a large firm
 recently we have
 made a lot of
 money



H.L. PIERCE,
 Manager

RATES OF CARRIAGE	
WEEKLY	
One Way	\$ 3.00
Two Weeks	5.75
Four Weeks	10.00
Money is payable in advance	

Morning Oregonian.

102 FRONT STREET, CORNER STARK.

July 15 1880

To The Edison Ore Separator

" I would like to know about your machine

- 1st will it work in Black Sand (wet-sticky gold)
- 2nd how much do they cost + could I get one
- 3 if work successful could I get the right for Oregon
- 4 Send me Price + Direction for using

Adrep

William Saunders
 Empire City
 Corvallis
 Oregon

Ottenduney May

Sept 16, 1880

Mr. W. Schenck

Mount Park N.J. Dear Sir

According to promise in my letter to

you of June 4th I write you from

Boulder City, on June 16th arriving yesterday

morning of 16th June. Time which time

I have been nothing here.

In a letter in this to Mr. Schenck my brother

Mr. F. Mr. Boulder City. He states

He has been called upon by the company

name Mr. Schenck & J. T. Harrison

Representing themselves, as from Edison
In testimony Mount Park N.J. They were

2) my naturally asked. If they brought any
letter of Introduction from the Editor. The
answer was "No". One of these Friends
to know all about the "Sun Bury Case"
I met you on May 18th. During the
actual hearing. You on 1. a & 2. B.
Why the Asses of Cash. Why stating he
could treat Tellurian Case. to be so.

Oh but they stated. They had left your
company and had come to Oshkosh. to
go into the business. They are aware of
your importance. Now shall be assured of
three young men perfect operations.

If you have arrived at a definite future

Whereby you can treat them as. With
becoming. I shall be pleased to call upon
you at an early date. With a moment
definite propositions for future operations
Whereby. Both yourself and ourselves call
making a large return.

Should you desire the information from
my Bar. Of sufficient importance, I suggest
or better to my Bar at once. We will of
any instructions you may give him. We
of the opinion. These Henry Waver. are pleased
to treat your Process for recovering this
particular kind and quality of. William
Bar. I think you will look into this matter
(May I hope to hear from you by return mail)

Process is for using any Bell
iron sand, forty Blawiegs
April 1st, 1880, at 100 lbs. per day
Cost of iron sand 1500
Cost of water 1000
Cost of fuel 1000
Cost of labor 1000
Cost of other 1000

OFFICE OF
A. WIENER & CO.,
TRADE IN

Best Superior Supplies,
Mining and Lubricating Oils, Stearins Mining Candles, &c.,
136 & 138 RIVER STREET,

Cleveland, O. July 16th 1880
J. Edison Esq.
Parker Park N. J.
Sir

Will you be kind enough
to send me information
regarding your process for
separating gold & silver from
the rock or sand. Also
whether the process is adapted
for use at Benson diggings,
and if your process the usual
quantity of water for washing
is dispensed with or not.
I will be pleased also to
know your terms on
which the process may be
used. Awaiting efficient
information in the matter
I am Yours Respy

A Wiener

Don't believe there is a grain
of platinum East of the Sierra
Nevada mountains - If you come
across a big deposit of pure black sand
add a little gold & can
make it a charm -

M^r J. C. Bolson

July 17. 1880

Marble Park, N.J.

Dear Friend

Since leaving
Ontario over two years ago I have been
knocking around in the mountains
prospecting, and when in Fort Benton
I first heard of your inquiries for Platinum.
Two weeks ago I ran across an old &
experienced miner who claims to have
discovered a very rich "Platinum" mine.
After satisfying myself he was telling
the truth I decided to write you to
first gain some information concerning
that mineral before starting out
with him after specimens. This miner
tells me he ~~first~~ discovered the mine
two or so. ago. and not being certain
as to the mineral as he had not seen
it before but had frequently heard

it described by Prof. Hayden when
he had been with for some time.
he took several specimens to a Physicist
at Fort. Quater who applied several
different tests and pronounced it
Platinum. He then called on B. B. Cling
of South Park City Wyoming and showed
the metal to him who also pronounced it
Platinum. If your answer is favorable
I will start out ^{or} to see the mine and
get specimens to send you and then
can give you a full description from
personal observation. What I want to
know is the surest most practicable
tests for it. the marketable value & the
shortest & best method of bringing it
into market, Any further information
you might deem valuable would be
very acceptable.

Address. In care of B. B. Cling
Fort. Benton, Montana

Respectfully Yours,
J. M. Edison

1- Paris 16. July. 19th 890
We can work the Black sand
cheaply & in great quantity
D. of L. O. ^{but} ~~very~~ ^{great} quantity sand
of what amount of Black sand
Muelo Park M.
have you

Dear Sir

Yours number date of 16th inst
was duly recd. for which please
accept my thanks. After I recd. your
statement as to your Analysis of the
sand. I wrote. Was directed by agents to
the Edison Ore Milling Co. but to
this time have recd no reply.

Following justifies that our present
mode of Concentration. was not
efficient or good enough to work at
sands that would only turn out 1/10 of
1/100 of gold (as you report) for tons. I had
like the matter drop. until I could
make further investigations. at the same
time. was surprised at my self-to
think that I had possibly made

such a mistake in the calculation of my own assay, trusting that you

through practical skill, would find any mistake on your part. But I have lately made another careful assay and to my astonishment, has turned out very similar to my first. You may say that the sand is very rich in gold

which looks even favorable to the correctness of my assay. I am, ~~sure~~ ^{sure} wish to ascertain some better method of concentration, and will rate into negotiations with you or your company. If I can get some definite ideas of your methods of working, and know your terms,

you ask for further particulars in reference to the gold - or sand - and speak of "avalanche" in connection with the gold -

3

The sand sent you, was taken from a dump after it had passed through the old fashion place box - and the pieces of mercury found, is what was left - when an attempt was made by throwing to get the fine gold - and I am satisfied it was as much as the other samples present as well as the gold. Under stands that every particle of the fine gold was taken out of the sand - that we could take out by washing & amalgamation, one more can be use of some, concentrate as much as 4 tons of this sand Friday after taking out the fine gold in magnets or fine gold as it may appear.

Gold is found in good paying quantities. exclusive of the sand on this Placer and I have assay

Some sand, taken from different
parts of this placer. With assay, &
a mag. of $\frac{1}{2}$ lbs. the thousands per ton

We have in working order or will have, in a month's time, about 12 to 15 miles, of Placer Claims. which so far as I have ascertained, are say-
=ly - (rich in this sand. —

17
I thank you for the method, you have given
it a practicable task, and feel that
you can work this sand with
facility - and ease, I will try
and negotiate matters that will
accuse of my continued self-interest

With very thanks for the favor you have
shown felt to give me, if you think
favorable of what I have said I
will be glad to hear from you again
with feelings of truest regards I am J. M. Sullivan

to your self

That the sand sent you
was taken from the top of 10
measures, when it had been
handled for some time,
and that used in my assay,
was what was left in the bottom

When the law of nature has carried the larger particles, by this I can account for the diffire in extension—

Jim

HENRY W. PEABODY & CO.

*July 23rd
We will test anytime
you will send*

114 State Street

Boston, July 22/88

Prof Thomas A. Edison
Menlo Park
N. J.

Dear Sir

We have received from friends of ours in Australia a small sample of a metal new to the world, but being invisible, believed by them to meet the difficulties of the connecting platinum points, in the electric light, and of this is so rendering it of great value.

They wish us for them to offer you the sample for test and if successful, to secure Patent, according to you our first interest in same.

We are have seen the sample now heard of it and we only desire to have your approval of the mode of procedure, before sending you the entire information given to us.

Your early reply will oblige

Yours very Respectfully
Henry W. Peabody

JUAN B. MAINERO T.

CARTAGENA

Carthagena (Colombia) July 24 1880

Thomas A. Edison Esq.
New York C.

our prize for
the way in which
you have
by please

Sir.

By several American news-
papers I have been informed of your having discovered
a process for extracting, by electricity, the metal
contained in the sands and scorias of a mining place,
by which process, such a thing can be done at a
very small expense.

As you have already discovered
so many useful things, which are now in operation,
this one has not astonished me, so then, I take the
liberty to address you this letter in order to acknowledge
you of the following circumstances for you to think
on them: — I am a partner of a mining enterprise
on an auriferous silver mine within the territory of
Colombia, which mine we are working under the
german-english process, that is to say: melting,
concentration and cupellation, which, as you must
know, do not allow to elaborate minerals of a va-
lue under \$20 per ton. The same is the case with
scorias of said auriferous sands, containing gold at
the rate of 1 to 4% of silver, with a value, as per bushel
made with the blowing pipe, of 60 to 80 cents per quin-
tal, which amount frequently amounts to \$1.00
As regard to scorias, and process now

50 millions of pounds, the lowermost price of which, as per successive trials by the blowing pipe, comes frequently to ^{thousands} per ~~ton~~ ^{per} pound.

The mining company, of which I am a partner, also possesses at a very short distance of the already mentioned minerals, water in abundance; mineral coals, at a cost of \$2 per ton, very near the furnaces; Chalk; lees; gravels; gypsum and many other elements. There is also abundance of working men at a cost of 50 to 60 cents per diem, who are very good laborers, and finally, fuel is very cheap, and easy to be got the necessary pecuniary resources at the rate of 6 to 7% interest per annum.

I give you all this details for you to consider whether it would be convenient to you to make some proposals to said Company through me for elaborating the already mentioned minerals by your process.

I am sure that you will find among us the best wishes for making an agreement which will be of some advantage for both parties.

Awaiting to be honored with a reply, I have the pleasure to subscribe Sir

Yours respectfully

J. B. de la Haye

J. W. MUMFORD
Sends sample of
Notice of Iron of
me from his
of the Quinal
Quinal
HARREE FORGE P. O.

MUMPER & CO.,

→MANUFACTURERS OF←

Geo. W. Eichelberger

Real Pig Iron and Blooms.

BANBEE FORGE P. O.

Banco, Pa. July 26 1880

J. A. Edison Esq

Minlo Park, N. J.

only

I have noticed several statements in regard to your machine for separating iron from sand and address you for more perfect information as the machine would be very valuable to me provided it will separate small particles of iron ore from sand. If your machine is to your judgment capable of doing this I would like to send a sample of sand and ore, such as I have, for trial. A prompt reply will greatly oblige. Yours etc Geo Munroe

on Port Miguel O'Donnell

Sept 9, 80

Headquarters Department of Columbia

Washington, D.C.

July 27 1880

My dear Sir -

Yours of May 18th

July 22nd -

owing to the extreme
high water prevailing
in the whole section
of country I have
been delayed in sending
you desired samples of
sand. To day's mail
bring you a 3-lb
sample of black
magnetic sand, marked
O'Donnell
"Catop". It is a fair

Sample of sand
valuable I may say
the sand exists in
unlimited quantity,
perfectly easy of access
& can be managed at
least possible expense

If the sample seems
worthy of attention I
shall take pleasure
in finding other samples
from other points if
desired -

I enclose herewith
the result of the washing
by hand of them on four
"frames" of sand from
a point in the creek

vicinity - The amount
would seem to indicate
considerable richness
but whether or not.
Your processes would
be all applicable
I amish Judge as the
place is now under
water - but I am
told it is washed
from "black sand"
in the shore of a lake
high & dry except for
a month or two at
very high water -

The people however
giving me the samples
are not educated
people at all &

therefore I do not
know how much
only upon their
statements -

Have considered the
sample as "Staggards"
Lake " & I should
be much pleased
to hear from you
again at your ^{first}
leisure if either sample
attracts your or the
"Mr. Milking Co." attention

Very Truly
Yours

W. D. Briggs

Box 1717
Gold

N. A.

Copy of letter
sent to Mr. Briggs
4/10
0.42 gold

I think you assumed him for
46 E 14th Ave 22 claimed \$2.50 per ton
say the ore sent in
New York July 28th 1880.

J. A. Edison Esq
Franko Park N.J.

Dear Sir: I am quite anxious
to hear from you in relation to the Ores I sent you
and also that you should allow me to make
the statement in our letter that we are to
have the use of your process (upon reasonable
conditions) of reducing ores in mines in which
this company may have an interest, upon receipt
of a letter from you to that effect. I will come to
be transferred to you, we own two
thousand shares of the stock, and send you
certificates of the same, par value \$5.00 (two \$2.50). Last trans-
fer was at \$2.50 (two \$2.50) per share and never been
put upon the market, its property is several
valuable mines and other interests also owns
the best stamping mill now erected, having a ca-
pacity of over 100 tons per day. No other mill was
made to do 1/10 with same power strong which was
here, orders far more than we can make the full
at \$15.00 to \$20.00 each. Charles Burleigh inventor of
the Burleigh Drill says it has never been approached & can
do more than 10-15 stamp mills, Very truly,
H. C. Williamson
Per Geo. W. W. & Co.

please let me hear from you sometime

will
will answer
soon

Over

Atlantic City, N.J.
July 29th, 1880

J. A. Edison Esq
Mead Park
New York -

Dear Sir:

Through Mr J. I.
McMillan of Paris Bourbon County Ky -
I have received two reports of sands, ~~from~~
which was taken from "Rock Creek" Wyoming
Territory, From these reports I feel highly
elated, emanating from such a source as
they do, - and to give you my reasons
for this elation, I will describe, and
explain the property I have control of, with
its facilities for working, And in lieu there-
of ask your candid advice, Not, however,
wishing to intrude upon any secret you
may have developed, in your researches, in
the concentration or manipulation of these
sands, - But solely to learn, that if, properly -

treated there is to be a profitably return from
the sands, exclusive of the free gold.

The Company that I am now feel
Sept., own 15 miles of a gulch or
CRECK, known as "Rock Creek" App. T. averaging
400 ft in width, that will give in
free gold, exclusive of sands, and other
material, on an average of $1\frac{1}{2}$ cts to the
pan, or 162 cts to the Cubic Yard.

I am preparing to put in a "bed rock" flume
with a grade of 2 inches to the bed, and
a Hydraulic pressure of from 60 to 100 ft.
With this Hydraulic I can sweep off the
surface, or earth, and pass it away through
my flume. I can also, rid myself of a
large portion of the gravel, in which the
gold is disseminated, also the "Red" sand.
And in clearing "Red Rock" have the best
sands, though "Slack boxes", with a simple
contrivance. If you, or any of your associates,
have experience in this style of mining I
would be glad to have your opinion. We have
no large boulders, and an abundance of water.

The material in which you got the ^{malgou} came from the Tail ends of slices, used by Chingamen, from the grounds of which, they received small returns, I was surprised to hear that it was very rich, yet have no idea how rich it was, from your analysis, I would be very glad to have you correspond with me, and any suggestion you may make, or information you may want, will be readily furnished, through our Secretary J. J. McMillan—

I am Sir

Yours Respectfully
A. L. Linder
Capt Supt Rock Creek
Mining Co
Mojito

Better have all your black sand concentrations, we have a machine which will separate flour or misly gold from black sand at the rate of 150 tons per day the sand should be dry, cost machine about ~~2500~~ \$2500. Cost running through about 8 cents per ton ~~per ton~~
~~superior to all other black sand after you have got all the~~

Newton Drayton
a Aug 17. 1868

We can work auriferous
sulphurets where these are
massive & probably washed
by the Rio Grande. The
profit when taken is \$10. per ton
paid against smelt.

C. H. Colson

Dear Sir

no. of our letter in regard
to this ore. I sent you 4 1/2
days ago another small
package

Why can you not
get up the ore to work
directly. One & also melting
one at. I will guarantee
to take any ore & show their
plenty of 20% of Sulphurets
one & 25% for East Lead
that can be mined out
for one dollar & fifty cents
for ton & wood plenty of
mills plain water & 65 miles

from Phil Road, N.P.
is a old abandoned
district & the vein is
10 feet thick & can be
traced 3/4 of a mile out
nothing for blocks also
plenty of 20 to 40 of
melting ore. near the
same with Gold & Silver
also Sulphurets ores that
will carry 30 to 50 of silver
& 34 the East Lead. but
small veins say 1 foot to
20 inches. Some are very
near location others can
be relocated at the position
have left long ago say
6 to 8 years & not a bit
of work to be done in
some cases it will not

cost you anything
we share interest & share
in the enterprise & what
I say I can satisfy anyone
that will come & see me
& ask for my responsibility
& for truth &c. I refer
you to Walker Bros
the Bankers & Trust Co.
Salt Lake City.

I am satisfied
that a company can
be formed in your vicinity
to work the same & some
money be made for all
of us. I will send you
some of the report books
& on if you think we
can do anything with
it & I will go to the
mine & get some this
fall & send you specimens.

If we were to go with
the 140 miles from
here & get there & I
have some ore at home
from 1 Gold & Silver ledge
& 2 Small ledges. That was
sent to me this summer. at
my request from my own locations
& if you wish I will
send it to you.

Yours truly

A. J. Taylor & Son

P. M.

R. G. JONES, PRICE & CO
INSURANCE & SHIP-BROKERS.

We do not wish
will tellings but
the under-branch
the great by plane
of Cole & Coleman
there for getting away
(Pills)

1, Church-Court, Clements-Lane, E.C.

London 27 Aug. 1881

Sir
As he intimated for friend at
King George's Street Museum Australia
wishes fairly, and expensively caused
property in that country, we with the
liberty of travelling by air with his
engagingly. after following to the news
- paper announcements regarding the
the trade from American goods a
to note - turned sailings - he says
"I will your pleasure with Mr Edison
"and see if he would meet for a
parcel of soap 30 to 100 lbs - I could
send you the parcel per mail etc."
We shall be much obliged by
the favor of your reply hereon, may
we may communicate with him in
conformity -

Yours Dear Sir

Yours respectfully,
R. G. Jones & Co

We are subscribers to your Telephone
here, and are pleased to have your
address at your Coleman Street
office

M. Thomas Alva Edison
Inventor
New Jersey
U.S.A.

Thos Edison Esq
Marble Rock
Horsing City
Electrum N.Y.

on Timothy Driscoll
West Point Or Aug 17th 80
A. Aug 17th 80

(Aug. 7 1880)

Our process is for working black
sand containing flour rusty gold
we sell the machinery at cost & take a
royalty per ton of sand on your
output & we will assay - will be
Thos Edison Esq
happy to assay any kind of sample
rock you send free of charge. Dear Sir
We wish some information
concerning your process for
extracting fine gold from
tailings or sand, by Electrum
or sand separator. Having had
many years experience in mining
we know of many places rich
in fine flour gold and rusty gold
that has been abandoned and is
laying idle on account of not
possessing any process to save the
gold. we want particulars, how
to secure your process by purchase
or on shares, partnership, &c.
We have discovered what we believe
to be a tin mine and should you
consent, we will send you sample
for testing, as there is no one we

have met here that appears to
know any thing about tin what
little I have learned by reacting
of tin I think it is the black
Oxide and much resembles stone -
- Coal we believe it is valuable
but do not wish to trust -
- Assayers with it - but believe
you will tell us the truth
about the richness of it
We Remain Respectfully
Yours { Tim Driscoll
N.S. Courser

Please state how we
should send specimens of
the ore or samples of sand
also if you wish
Tim Driscoll

Please answer and
Address

Timothy Driscoll
West-Port
Clatsop co.
Columbia River Agn.

note shd be
about Aug 7th 89

HIGHEST RATE
PAID FOR
GOLD DUST
AND
GOLD AND SILVER
BULLION.

Office of

R. B. HIGBEE,

Wans

Dealer in General Merchandise,

Silver City, N. M. Aug 9 1880

T. A. Edison

Ureels Park N.Y.

Dear Sir

Your favor 19 ult at hand
I have deposits of auriferous sand &
Gravel containing some black sand
the sulphurated Ureels are being
worked & have been for 20 years by
the formiline Craster process at
a profit the Ore working from 6¢
to 75¢ per ton. When you have your
apparatus completed I will be
pleased to have you send a good man
with our down here & I will seven
claims of 20 acres each against
it & will assist in everything. It

will be only a question of the
success of your invention. for
I will guarantee that the
claims contain the gold
I may come to New York
late this fall & if I do will
call at "Mendo Park again
to see a working list of the
new process

Very Respectfully Yours
R. B. Bigbee

Office--North Side Public Square,
Residence--West Side School House Square.

Chillicothe, Mo., Aug 19th 187.

Minlo Park A. J.

Dear Sir,

Yours letter
of aug. 9th. duly received I have written
my friends in Oregon in regard to the
clearness of the land from Lili'au.

Now will you please tell me the cost of the apparatus incl also what what-royalty you asse. for use of same?

Very Truly Yours

The Post would depend upon the

~~Output~~ Size a 150 ^{per day} can machine

Boys and Cost there about \$3500.

~~I should~~ want about 8 or 10 cents

per ton royalty of the sand was

such a class of poor! with a pair of females

41 man 150 tons could be run through daily

if brought to the machine the Cost a frequency
through would not exceed \$5. per day

So the profits will depend on the amount & richness of the sand —

Sparta Or Aug 14, 80
W N Linnson
Sept 9, 80

After and or
the more you ask
the more you get
and you can not
get it all at once
and here for many

Aug 12, 80

Sparta Oregon

Mr Edison

Sir

In reply to yours
I will say that the
sample sent was
concentrated the supply
of water is unlimited
Wood not overly plenty
in the immediate vicinity
but plenty in three miles
Now I wish to know
whether the sample
sent contained Gold
of a character or color
that could not be seen
by the naked eye. There
is Gold enough to pay

for concentrating to be
saved by an ordinary
mining process there is
no limit to the amount
of sand though there is no
deposit of sand alone
it can be concentrated
very fast. there is from
one and half pounds
to three pounds to an
ordinary Gold pan of
Gravel

If there is Gold
enough to make it rich
that cannot be seen
by the eye you will
confer a favour by letting
me know

I remain Yours

W. R. Dawson

My Aug 12th 50
Aly Conitall
Aug 19th

file over nothing

HARPER & BROTHERS.
Our prices are for working the Blackstone
country at the great H. & B. 337 PEARL STREET
mines of Pennsylvania - FRANKLIN SQUARE, N. Y. CITY -
1856 - We also have a process
for working low grade Adirondack
Thomas & Edison, Eng.

I intend to appear on
behalf of my brother Frederick
Constable of Sydney, his full name,
who has been for many years
heavily engaged in mining
operations in Australia & New Zealand.

see anything in his suggestions.
I would, at your pleasure
come out to Bunk's Park &
have a personal interview
on the subject.

I may say for your information
that I am the private secretary
and confidential clerk with
President Harper & Mathews, a position
I have held for some years.

Enclosing a stamped envelope
for your reply. I am,
Dear Sir,

Very faithfully yours
A. J. Constable.

Extract.

I see great accounts in the papers of the wonderful discoveries of Mr Edison of electric force. They say he has invented a process for taking gold from quartz that is likely to be a great success. I am sure I hope so. This has been a day-dream of mine for years, and about ten years ago when in Auckland, New Zealand, I spent a small fortune over a patent I took out for that purpose. I smelted with a cheap flue Scoria of the kind, which I found very good as a flux, but I was unable to obtain

skilled labor to manage the furnace,
 so I had to abandon it - now
 the account of Edison's success
 has revived the feeling, and I
 am taking up large quantities
 of Sailings or paper from the
 quartz machines - of these there
 are millions of tons in Australia,
 and you might assist me in
 this by obtaining for me from
 London the appointment of agent
 for the Colonies on shares with
 permission to secure Patents here
 for him. I do not want any Cash.
 I can get plenty of that, if I
 had the agency - taking a share
 for my outfit & trouble.

or Lamb Bridge Cal Aug 10-88
Capt H. Hall

Sept 9, 90
Sent me a copy of this
letter Sept 9

copy to sample
Wash - sample
has sent some as det
mine per det
not the of it
to ten lbs. and

Lamb Bridge Cal
Aug, 5, 88

Mr J. A. Edison.

Dear Sir,

In answer to your letter in
regard to the concentrations
of black, which I send you
I will say I obtained the
sample from the sluice box
is of the Cosumnes Canal
Mining Co of Hilltop 5
miles below here. This
mine is in Sacramento
Co. $\frac{3}{4}$ miles south of
Michigan Bar. This Co
are rich. Own 20 miles
of ditch run 2 to 3000 in
of water. They are washing
out an immense gravel
plain. & clean up \$8,000

to \$10000 every 4 to 6 weeks.
I don't know how the sand
lays. Would advise you
to write to H. C. 189 and
Supt Consummation Canal
& Mining Co. Michigan
Bar. Sac Co. Cal. for
full particulars.

Laurel
Bridge is in the S.W.
Corner of Aguadri Co. 5
miles S. of Latrobe & 12
miles N. of Don City. I
own a Copper mine here
and making Copper. My
time is so fully taken
up that I cannot possibly
find time to investigate
the gold mines here for
black sand. However
any directions you may
want I will do the best
I can for you.

You will find black
sand near the Bay
of S. F. than higher up
in the mountains.
The C. C. M. Co. mine is
in the lower foot hills
about 375 ft above the
sea.

Hoping this will
be satisfactory I am
Yours
Capt H. Stull.

✓ Naomi Todd Aug 31, '81
No charge for any Aug 31, '81
and mail -
Naumound St
Forest City Minn
16 Aug 1880

Prof. Edison Sir:

I have in my
possession some specimens
of quartz from the East.

I think there is silver
in them and possibly gold, they
are from a vein that has been
assayed and pronounced
valuable, but owned by other
parties.

Do you
examine specimens for those
that desire to know their value
? if so how much in weight
must be remitted?

Can I send it by mail?

I own an interest in the farm
that they were obtained from and

if there is any value in
the rock I need it.

If you will examine
it. I will defray the attendant
expenses

Respectly

Sacris, P. Todd

Forest City,

Meeker County

Minnesota

The machine shown is only
to illustrate the principle
involved - the real machine
is too large for mail -
Lampasas Texas 9/21 1880
N. A. Edison Have you Blackland
will you send sample -

I would like to
know the price of the enclosed
machine. I want something
compact, light, and in such
shape that it can be packed
on a mile. Please give me
a full description of it and
the quantity and quality
of its work with prices
and the

Truly Yours
H. L. Higdon
Lampasas
Lampasas Co. Texas

Please send me a description
the machine allude to in the slip

0.2 g Gold
per ton

JOHN C. ANDERSON,

ALL KINDS OF MERCHANDISE,

EAGLE ROCK, IDAHO.

OFFICE OF

DEALER IN—

T. A. Edison

Mendo Park

Dear Sir

I send today
by mail a small
box containing black
sand - such as can
turn the very fine
Snake River gold -

As yet no process has
been tried to work it suc-
cessfully - on account of
its exceeding fineness & light-
ness - This sample has
been passed over plates
and such gold as could be
was saved - A vast ex-
tent of country here-
abouts contains this fine
gold -

Knowing that

8/21

1880.

you are engaged
in experimenting
with gold saving
apparatus I send
this sample

The pkey is marked
"99". —

There is a great
deal of mining country
hereabouts - provided
you can work it so
as to pay

Yours re
J. C. Anderson

Expt. Rock Shale Mktg. Co.
John Anderson
Sept 19-18

54
J. W. Donnell Aug 23, 80
Wisc. cont Aug 24/80
G. A. Edwards Esq
Dear Sir

Would it be con-
venient for you to send
me the result of the
examination of the sample
of sand last sent. at an
early day as Mr. Moore
wished me to send him
the result by telegraph
before starting for the
East.

I hold myself
responsible for the charge
of these examinations
and would refer you
to Mr. C. J. Jackson as to
my standing

Yours Truly
J. W. Donnell
J. G. New St

A \$ 8.00 gold
 B \$ 4.00 " } ton
 C \$ 4.00 "

All of these contain
 some silver \$.60 - 0.70
 per ton

This ore is just the thing
 we want.

This is
 just suitable
 for our agents
 prices

Only black sand if much ~~gray~~ mixed with it
then after that ~~black~~ is taken out the ~~4/100~~
you ~~is~~ ^{Barren} ~~only~~ ^{only} got rid of ~~the~~
A. ~~Barren~~ ^{Barren} ~~only~~ ^{only} ~~the~~

Barren

Yours of 23rd

is handed in a letter
from Mr. Moore ~~and~~ he
wants to know if your
process of working will
separate the gray sand as
well as the black sand from
the gold and platinum
for he says in addition
to the quantity of black
he has a great deal of black
and gray sand mixed and
carries a good deal of gold.

I should be pleased to
have an answer immediately
as I am writing him
and want to see of him,
I telegraphed him this day
and told him not to

New York, N.Y. Aug 20 1900
Dear Mr. [unclear]
Letter received
and reply
to Mr. [unclear]

Ref. [unclear] will
your machine be
ready for use actual
[unclear]
[unclear]

[Faint, mostly illegible handwritten text, possibly a list or series of notes.]

This is a process that will
take out the silver economically
but my process for taking out
the gold is perfect and simple
and I have it in Oregon
Sept 6th 1880

Mrs J. A. Edison

Merill's Park N. J.

Dear Sir

Will you be
kind enough to inform me
what process is required to
separate the silver from the
black sand of the ocean beach.

I send by a letter to Mr. J. D. Daly
your firm 1/2 oz of silver and 1/2 oz black
sand.

If you will give me the
necessary instructions also the ingredients
required to secure the silver I
will be much obliged. beside will
pay you for your trouble.

I am residing in the im-
mediate vicinity of a vast amount
of black sand. And some of the series are
very rich with gold. An answer to this
will be highly appreciated yours Respectfully
Samuel Case

For Bridge, Wey Sept 7-80
Henry Rickard
and Sec 15.00
see letter book

gave to Dr. and J. W. Bridges
(Where is it?) Sep 7 1880
J. A. Edison Esq.

Dear Sir

I have sent
you both of the Dredges re-
quired, I got it myself and
know it is all right.

The dirt in the little sack is from
the top. This part of the
sack came from a depth of
2 feet from the surface. The
second from about 6 or 7 feet
and the last from a depth of
10 or 12 feet.

The Bar is about 50
above the Pines and is
a half mile long by 400 yds wide
at the upper end of the Bar is a
Stream of water that can be brought
quite readily to wash the whole Bar
and sufficient to wash 100 tons

for the Timber is plenty
and anything can be hauled
to within 5 miles of the Mines
the same mile we should have
to pack over or make a road
which I think would not be
a difficult undertaking
Down the river and the whole
of the flats and could get the
whole Bar of necessary

The first I got all about the
hundred feet from the river &
at the lower end of the Bar
and I should the dirt pay the
water could be carried to another
Bar a few feet higher and joining
this at the lower end so there
would be any abatement of height
that could be reached by this
water.

Hoping it will prove
satisfactory and I shall hear

from you soon

I am

Very Truly
Harry Richardson

J. R. Edison Esq.

Minto Park.

N. J.

Wilkes-Barre Pa
Apr 14th 1891

Thomas A. Edison Esq
N. Y.

Will you please
inform me where I can see the
"Magnitic Ore Separator" invented by
you. If you have circular describing
it - will you please send me one.

Very respectfully

R. B. E. Smith

We have a small
one here that shows the principle
I have a large one nearly
completed that separates
150 tons of sand per day
will soon be ready for sale here

OFFICE OF
JOHN C. ANDERSON,
—DEALER IN—
ALL KINDS OF MERCHANDISE,
EAGLE ROCK, IDAHO.

OVER 9/15
Thos A. Edison Esq
Mendota Park N.J.
Dear Sir

Yours of 9th inst
received also yours concerning
sample of quartz
As regards the black sand
(which you say you can work
easily and cheaply), if you are
correct you will open up the
biggest gold field of the 19th
century - The sand exists
in great quantities for 100 miles
along the river and it is only
a question of saving ^{the gold} - being
difficult from its exceeding fine
ness - The ~~black~~ & Ho R.R. runs for
30 or 40 miles (a depot here) along
the river - So you see it is easy
of access

Reply
John C. Anderson

ms
Eagle Rock Idaho 9/15/88
J C Anderson
9/25/88

You say there is any quantity of
Black sand = No. 1 - the, question
is. Do the deposits along the rivers
pure Black sand or do you have
to wash a great deal of sand in.
The sluice box to get the Black
Sand pure. A machine costing
\$2200 will pass 150 tons of dry
black sand per day with one man
& a pair horses & take even
"gold leaf" from it. But if the
black sand is only 5% or so, of
the alluvial then it would
not pay to pass it through the
machine & it would have to be
concentrated in sluice.
I know how it is.

T. A. EDISON,

Myo Park, N. J.,

Oct 5th 1880.

John C. Anderson Esq
Eagle Rock Idaho

Dear Sir: Your favor of the
15th ult was duly rec'd. You say
there is any quantity of black sand.
Now the question is, are the
deposits along the rivers pure
black sand or do you have to wash
a great deal of sand in the sluice box
to get the black sand pure. a machine
costing \$2,200 will pass 150 tons of dry
black sand per day with one man and a
pair of horses and take even gold leaf from
it. But if the black sand is only 5 p.c or so of
the alluvine then it would not pay to pass
it through the machine and it would have to be
concentrated in sluices.

Very truly,
T. A. Edison.

HOME OFFICE

Great Western Mutual Aid Association,

ROOMS 8 AND 9, TABOR BLOCK,

Denver, Colo. Sept 16th 1888.
 The Interocean man is mistaken I want
 platinum not antimony
 Thomas & A. Edison Co.,
 Menlo Park, N. J.
 O.K. Sir:-

Understanding from the Editor
 of the "Interocean" of this City, that you were desirous
 of procuring antimony in quantity, I write to say
 that I am possessed of information that I deem
 reliable, which assures me of the existence of a large
 body of this mineral. It is situated in this Country.

The quality is pure white pipes-free of other metals.
 What are the demands, uses and prices? Every ton
 of material will run 60% antimony.

If after your expert had pronounced on the property
 to your entire satisfaction, you would like to become
 interested in the enterprise I think you could be
 accommodated on the ground floor, and without risk.

Your early reply will oblige
 Yours Truly
 T. L. Wirwall

Fair Hope Mining and Mining Company.

Organized under the Laws of the State of New York.

Capital, \$2,000,000.

ALBERT STORER, President,
JAMES MONROE, General Manager,

J. C. BARKER, Secretary,

J. HOWARD LIVINGSTON, Treasurer,
A. G. VANDERPOEL, Attorney and Counsel.

OFFICE, No. 4 BROAD STREET,

Frank E. Kershner, Esq.
Reduction Dept.

New York, Sept 29th 1880

Mr. J. H. Edgson
Menlo Park, N. J.
Dr. Sir

The barrell of ore was assayed several times by fire assay and by chemical assay and the average was \$2.50 per ton. we have the barrell here and suggest that assays be made by New York City. But perhaps the entire ore has been sent me.

By request of Mr. Kershner, a barrell of ore weighing 700 lbs was sent to you in the last part of June from Charlotte N. Ca from the Ferris mine, & on Aug 13th a letter from you directed to F. E. Kershner gave the analysis as \$2.50 per ton. As the analyses sent to you were considerably richer than any previously seen in N. Ca, and as the Education Works at Charlotte gave from \$5.40 to \$11.10 per ton, and the ores sent to you were superior to these, the report was utterly surprising and entirely at variance with what is known to be different, that it can only be accounted for on the ground that some other ore was given as the analysis & not the barrell of ore sent from Charlotte. Our agent estimated there was at least \$150. of gold in that lot, other places as high as \$1000. of gold. This was sent to you as to the time date of the ore was sent. Your process ought to have paid at the rate of \$250. to \$400. a ton.

Yours Respectfully
J. Howard Livingston, Jr

T. A. EDISON,

Graf

Menlo Park, N. J., Sept 30 1880.

This man says he sent some
happy days which he wants
Dear Mr. Chipman
returned to you. I found them
Can you
return to him and get them

See. put his hands on
those Certificates of assay
that I sent you some
months since. They were
all in a large envelope
with a letter from me.

Yours
W. R. Chipman

Care of W. R. Chipman
48 East 14th St. New York.

2. A. Edmond E. G.
 Meula Pa

St Joseph Genier Co Michigan
Sept 30th 1880

T. A. Edison Esq

Menlo Park, N.J.

I wish information in relation to an invention said to be yours of which a cut is shown & description given in Scientific Magazine for August.

I'm a part of the country through which I passed lately I find a large quantity of sand shipping north of Iron in small particles and should like to test your invention upon it.

Will you tell me your terms for use
of the patent right you have in it.

I shall be glad to know your
opinion as to what portion of
iron sand must contain to be profitable
worked by this method.

Wm. Smith John W. Hart.

on Sydney MWO et al
John Heinz
a family #81

Edna Heinz

"Adelaide" W. C. Waverley,
Sydney - N. S. Wales

Waverley

Sydney - N. S. Wales

Australia

The process for making

Our process for working auriferous
Limonite was same as that for
pyrite, also ^{the same} ~~the same~~ ^{the same} ~~the same~~
floatation column ^{the same} ~~the same~~ ^{the same} ~~the same~~
of 9" diameter to handle
you may remember how it
? through the paper as to the
have just completed a re-
test of certain low-grade
Cant. G. & A. Railway
sulphides (one Sulphur-
not) containing but little
ammoniacal sulphide". As

magnetic iron - also ^{pyrite}
flour gold - also ^{iron pyrites}

of 9th August to hand.

You will undoubtedly hear of it
have mentioned the above.

Though the papers as to the
have not exhibited a suc

distance after which

Can't work any more. Tailor.

deephurst (Don Deephurst)

containing but little

arsenical sulphide. As

your invention is specially adapted for working Quartz, as far as I know, above described. I should like to learn the highest per centage of gold obtained through

adapted for working Qua

tailings above described.

I should like to learn

the highest per Centage

and gold obtained therefrom

of your business. Very truly
yours

Yours experimentally,

the cost of the invention reply
and the expenses attend-
ing the extraction of the
metal. -

Presuming that
you have taken out a
patent for the U. States
and would consider it
expedient to extend its
operation to Australia -
I again offer my services
in furtherance of such
a movement, feeling op-
posed that incalculable
profits would accrue
therefrom.

Anticipating an
early

Yours
Dear Sir,
Yours truly
John Heinz

To
Professor Edison
Menlo Park
N. J.
U. States

^{Wash}
No 12 - Gold Run pay gravel
Only gold.

No 6, Gravel from Star D.F.
No plat - only little gold
poor ore.

No 3 - Clean up dirt
Franklin mine - great
deal of Gold no plat.

No 2. Tailings from Bear
River Beals Canyon - a
little gold only -

mill boys when you
send tailings to us
to run our smelter

No 12 - Flume dirt Gold Run
Great deal Gold no plat -

No 9 - Polka Star Flume dirt
Great deal Bromide Arsenic
Mercury - much gold - no plat

No 7 - Residue from Bet -
Much gold - no plat -

No 5 - Gravel from Franklin
mine - Little Gold - no plat

No 1 - Clean up Beals Canyon
Dutch flat - great deal of
gold & considerable plat.

No 8 from Flume You Bet,
great quantity Mercury
Hardly any gold.

Report of one
sent to Mrs.
Oct 10.

very much to your
as to the report of the
of the report of the
of the report of the

2-16-80
as John Munson
a letter

Blackford, N.C. Oct. 25, 1880

Confidential

Thomas A. Edison

Sir
I would like to have some
of your advice on the Miller
Platina. What would the
charges be of working an
Aluminum deposit to which
yielded 25 or 30 ounces per
ton. Can it be done
profitably so that would
the chances be of obtaining
your money as applied to
quantity. Miller tailings would
you be willing to try a few
lbs. just if I should send
it to you and return the
cost results. What ever
they might be to me

I think it is
little gold in quantity
with the platinum
is platinum worth 10
or 12 in the market
What is platinum
Omol to be at least worth
What would be the price
for trying to find it
are the only ones
pretend to know the value
of the deposit

Sept 20

John. H. H.

King Rock Road - Birmingham
Co. 100, 100

pro Br. 1613

will give the same
unpublished

Prof Edison
Sir

I take the liberty to
send you a sample of gravel containing
gold I would like to know if your
process would pay to extract it
or I could send it to you by the
Train please answer

Yours
Francis Hughes
715 Washington St
New York City

Nov 1st 1880

We can work the gravel sent
with great Economy & send us
some more. How much would it
cost per ton to freight it here or is the
mine too far distant.

New York Nov 3rd

T A Edison

Dear Sir

I sent you
letter to day & will have mine in
a few days how much a Ton
would it be worth to your business

Very Truly

Francis Hughes
715 Washington St
New York City

Containing tell get a
sample of gold at mine of
Gravel sent

process. That is, on the pier, there has
 been a number of posties walking the beach
 along the beach. A few places in particular
 where they have been working for the
 last fifteen years, to my knowledge
 and they have never made less than
 £6.00 a day of \$30. per each each man and
 a great deal of the time from 12 to 15
 per man each walk. They say that
 they took in every July 1849 that
 is high tide. Bring them up a fresh
 supply of golden sand. And they that
 it is above high water mark and
 they have a small case and then
 it is on blanket. From roots and sand
 silver soil. And by the process they
 make what I send or rather above
 all along the coast there is nothing

John Antlock a Dec 14 59
my letter book
Hartland Nov 6 11
Thames, Auckland
New Zealand

Your favour of Sept. 1st
 has been received, and with regard
 to the matter of the Black Band I think
 that there are millions of tons, carry-
 ing a great quantity of rusty iron and
 very fine gold, in fact the best that
 this land is, it is at least 50, or 60 miles
 along a gold coast, that is the west
 coast of New Zealand, the black
 sand of New Zealand on the beach
 by the sea, any district of sand that you
 may be concerned from 30,000 to 50
 I speak of gold, but the sand is a very
 heavy and white, impossible to separate
 the gold from it, that is such as

There is nothing but solid masses
of Black sand, as I say Millions of tons
under Paris will be found for better nothing
and if your process is such what the
proper Reports. There is a great many
large fortunes in it. The sand is very
rich. I defy any one to take a common
shovel full and wash it without getting
a number of specks of fine gold. Such
some deposits are a good deal
richer than others, I have seen
the black sand in the California
mines. And I should say at least
nothing to compare with this
Country for the sand here is all
washed up by the sea or Ocean
And after a gale thousands of tons
come rolling on, there are large
banks of it all over the country.

That all along this coast that I can
descending, Gold is found in large
quantities along the terraces and
glacis & banks of the rivers that run
into the part of the Ocean. As far as
Magnetic Golden sand is concerned
I do not think it is possible to get better
than this is. And no trouble to get it, you
get nothing but fine heavy black sand as
deep as you please or as deep as you
want for water. as I say there is millions of tons and
with your process a few acres would produce
hills of gold, you cannot expect to work any
place in the world but if you broke Estimation
my office or any other Estimation has a Royalty
or in any way that you intend to give it out to
the world. I would protect your patent in
any way I can if you can't trust half the gold
that is in the world to your process. I would
give you a large sum of money for the right to use
all the process in the world for the right to use it.

Davenport Nov 12th /80

Mr. T. A. Edison

Dear Sir

What would be cost of
erecting your works for taking
the Gold out of the sand
And the expense of operat-
ing them

Please answer immediately
and oblige

Mrs. E. Bartore

Davenport
Iowa
Col

It cost \$2500 for machine
work 150 tons of amberon
iron sand ~~exp~~ clay
cost 8 cent ton ~~at 3~~ given
you deposit is not a sand

200
100
50
25
10
5
2
1
1/2
1/4
1/8
1/16
1/32
1/64
1/128
1/256
1/512
1/1024
1/2048
1/4096
1/8192
1/16384
1/32768
1/65536
1/131072
1/262144
1/524288
1/1048576
1/2097152
1/4194304
1/8388608
1/16777216
1/33554432
1/67108864
1/134217728
1/268435456
1/536870912
1/1073741824
1/2147483648
1/4294967296
1/8589934592
1/17179869184
1/34359738368
1/68719476736
1/137438953472
1/274877906944
1/549755813888
1/1099511627776
1/2199023255552
1/4398046511104
1/8796093022208
1/17592186044416
1/35184372088832
1/70368744177664
1/140737488355328
1/281474976710656
1/562949953421312
1/1125899906842624
1/2251799813685248
1/4503599627370496
1/9007199254740992
1/18014398509481984
1/36028797018963968
1/72057594037927936
1/144115188075855872
1/288230376151711744
1/576460752303423488
1/1152921504606846976
1/2305843009213693952
1/4611686018427387904
1/9223372036854775808
1/18446744073709551616
1/36893488147419103232
1/73786976294838206464
1/147573952589676412928
1/295147905179352825856
1/590295810358705651712
1/1180591620717411303424
1/2361183241434822606848
1/4722366482869645213696
1/9444732965739290427392
1/18889465931478580854784
1/37778931862957161709568
1/75557863725914323419136
1/151115727451828646838272
1/302231454903657293676544
1/604462909807314587353088
1/1208925819614629174706176
1/2417851639229258349412352
1/4835703278458516698824704
1/9671406556917033397649408
1/19342813113834066795298816
1/38685626227668133590597632
1/77371252455336267181195264
1/154742504910672534362390528
1/309485009821345068724781056
1/618970019642690137449562112
1/1237940039285380274899124224
1/2475880078570760549798248448
1/4951760157141521099596496896
1/9903520314283042199192993792
1/19807040628566084398385987584
1/39614081257132168796771975168
1/79228162514264337593543950336
1/158456325028528675187087900672
1/316912650057057350374175801344
1/633825300114114700748351602688
1/1267650600228229401496703205376
1/2535301200456458802993406410752
1/5070602400912917605986812821504
1/10141204801825835211973625643008
1/20282409603651670423947251286016
1/40564819207303340847894502572032
1/81129638414606681695789005144064
1/162259276829213363391578010288128
1/324518553658426726783156020576256
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1/11150372599265311570767859136324180752990208
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1/44601490397061246283071436545296723011960832
1/89202980794122492566142873090593446023921664
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2 Merchants' Exchange

Dustin Dec. 3, 50

Mr. Thomas A. Edison

Mendo Parre. N. J.

Dear Sir:-

I want to buy several owners of irridio-platinum and knowing that you used that alloy in some of your earlier experiments, write to know if you have any quantity, large or small, that you would like to dispose of. If you have will you please let me know the diam., proportion of irridium, quantity, ^{for sale} and price?

Johnson, Matthys & Co. have already
sent me some but I do not
want to wait to send to England.

Respectfully

Geo. D. Bancroft

I have repeatedly seen the quartz
containing chloride of Silver, as well as
arsenical and iron pyrites, which much
richen the mercury and cause loss of
gold in crushing.

I have followed mining pursuits
for the last 8 years, in Victoria -
New South Wales, and Queensland. I
need not say that I am eager to
give a fresh impetus to gold mining
in Australia, and should feel
obliged if you will give me
particulars of your wonderful process
which is secured I understand by
"Patent".

I am returning in a few months
and would it be asking too much
to reply to the following questions.

1. Are you prepared to sell Patents for Australia, or for one colony.
2. What would be the terms.
3. What is cost of machinery, &c.
4. What would be expense of working discarded tailings, or wash dirt or black sands, per ton.
5. Is it a process, by which an experienced hand at quartz - crushing, can after a little practice work the whole affair.
6. What is your method of - ascertaining whether tailings be well pay, or not, for work.
7. Which does your process treat in the most effective manner, wash dirt, sand or tailings.

awaiting your reply.

I am dear Sir
Yours faithfully,
James Murray

Brookville Montg. Co Maryland
Dec 17th 1880

Prof. Thos. A. Edison:
Dear Sir:

Are you the inventor of
an improved process for obtaining
Gold from the Ore. If so can
you give me an estimate of
the cost of suitable works
machinery &c. for using your
plan, & also inform me what
advantages you claim over the
Robinson. I have control of
a Gold Mining Property, &
wish to get the best process
for working it.

Respectfully

J. B. Hallowell

Process only for working
auriferous black sands

ORD & KIRK,
HARDY & SONS,
77 S. 1st St.

OK file in
Milling Co
Please describe
Yellow Jacket Silver Mining Co.

I. E. JAMES,
Superintendent
607
We have it but we
don't want it
you will find
it very interesting

MEMOR. OTTY,
SECRETARY.

Gold Hill, Nov. Dec 25th 1879

J. A. Edison Esq

Blanca Park - N.J. Sir -

I have been unable to
reply earlier to you last requesting me to forward
you the tailings. I have done so, the same having
been established from analysis on 25th charge. 15th
charge - They are numbered, but I do in-
clude to represent 270 ~~ton~~ tons of approximately - an
excess of average sent went, 15th, which I think is
too high - Parties mining, want \$1⁰⁰ per ton, which
price carries all water privilege, with use of one
or two mills - The topographical conditions could not
be better for working these tailings - There could
be caught a good many more tailings that
are now running off, if in demand it should
able; they are low grade, say about \$2⁰⁰ per ton.

Accept my congratulations on successful result
your electric light - With hopes of hearing from
you on above note last weeks of the season
I remain, Yours truly
Wm. O. Oty -

Run 15. 4 to 16. sand

obtained when we
shut off the clean up
made. I mean the sand
that is washed away from
the amalgam.

OK

H. H. H. H.

*Am. dent. curio. case & m. a case
C. Curio. case*

to Mr. S. M.

1880. Mining - Spring Valley Hydraulic Gold Company (D-80-035)

This folder contains correspondence and other documents relating to the takeover of the Spring Valley Hydraulic Gold Company by the United States Mining Investment Company. Included is a lengthy report on the Spring Valley mine, prepared by the United States Mining Investment Company.

All the documents have been filmed.

Blank No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which have been accepted by the sender in the following manner.
There can be no double action and no receipt is deemed taken by the sending station for reception, and the company will accept full liability for any delay in transmission or delivery of the transmitted message.
The Company has TELEGRAPHIC MESSAGE only, delivered by express of the sender, under the conditions stated here.

A. H. BREWER, Sec'y

NORVIN GREEN, President.

Dated New York Jan 2 1880

Received at W. Edison

READ THE NOTICE AT THE TOP.

with you accept a
directorship in the
Spring Valley Hydraulic
Cyl. Co. of our
associates are satisfactory
to you

Edward Bath -
Dorsey

19 Feb
H. f

Spring Valley Mining & Irrigating Company.
Location of Main Chamber Butte Co.

Wm. H. Allen, Secy.
Lewis Chase, Treas.

Cherokee, Jan. 11 1880.

T. A. Edison Esq.

Dear Sir

Will answer personally

Several weeks ago I forwarded you a small quantity of "sulphuret of barium", in one of the little cases you sent me sometime since, for such experiments — As you are no doubt deeply engrossed with the electric light, and have little leisure for chemical tests — I earnestly request that you will forward the parcel to Wm. H. Allen 25 Bond St. New York, to whom I have written concerning it.

I have seen a copy of your contract with the Investment Company, and I scarcely think you appreciate its value! you could not, by any possible means have made such a contract here, and it is evident the Investment Company had little knowledge of what they were transferring.

In relation to one item alone — the privileges of working the tailings. — I will state, that we have

washed from the Chocoma flumes, by actual measurement 24,000,000 cubic yards of gravel, one-quarter of which, the heavier material, about 100 lbs. per cu. yd., and estimate of state engineers) is deposited in the Canon, within a short distance of our tail flumes, constituting the tailings in lots mentioned in your contract.

In our washings, the coarsest & best paying gravels, which partake of the character of cement, have to be broken up by powder and manual labor, and a considerable proportion goes through without dissolving, and carrying with it, its burden of gold. The pipe-clay also, of which we have washed enormous quantities; rolls through the flumes like balls of soap, completely covering the surface with gravel which it picks up and with the gravel, small particles of amalgam, and so much amalgam with pipe-clay carry off in this manner that it is called by hydraulic miners "the slide robber". All of this material deposits within a short distance of the flume dump, being confined on each side by steep hills, and during the summer gradually staggers and decomposes - and when the winter rains come, and heavy floods roll down the Canon, the slackened material is washed away, leaving behind the gold and amalgam.

Spring Valley Mining & Irrigating Company
Location of Mine Charles Butte Co.
Cherokee, 1851

Robert A. B. B. B.
L. B. B. B. B.

which settle; and are covered by the deposits of succeeding summers, the lower strata of this growing richer year by year.

Shortly after I came into the employ of this Co., ten years ago; the eventual value of this deposit became apparent, and all the ground which could ever be covered by the tailings, was purchased, at an expense of about \$15,000 - and the managers of that day, contemplated in the fullness of time a Barrage from this source.

I am sure I do not magnify its value, when I estimate the mass at ten cents per cubic yard, and to have that and pay five cents, would give a yield of 500,000 - It could all be worked, I think, in two years with a good head of water, and the material is so thoroughly decomposed that the expenditure for labor would be slight - the water might be procured from the Davis ditch, if not sold, and if it is, arrangements might be made with the parties, pending its extension to

this round — There is nothing mythical about this
matter, large returns have been secured from the
plantings on the Cuba river, and our deposit is more
advantageously placed than any I have ever

For I must take the liberty of saying, that you
have not treated me very courteously of late, in the
matter of correspondence — I have written you several letters
and sent one telegraphic, and the reception of neither has
ever been acknowledged — In your first inquiries here
I took pleasure in rendering you such services as I could!
when the Major came with letters from you, I extended
him every facility possible, to prosecute his inquiries, and
brought him with the utmost consideration — (He has
likewise entirely overlooked my apertures) — and while
I am in no way sensitive, it is a little unpleasant
to be so utterly ignored — If this results from my letters
seeking position etc! I will say, and own a telegraphist! —
like most of my guild, have always had a penchant
for bettering ~~my position~~ ^{my position} ~~consideration~~ ^{consideration} in such efforts, have
favored me therefore, but the rebuffs have been immen-
sable, and a denial from you would not have abashed
me in the least —, but this 'damned' dismal, gray and
dilemma, stings! — properly

Louis Elmer —

Purchased from E.H. Frost.
1943-02-20 order 283001
\$1,75

page 16

\$1750
1750

OFFICES OF
THE UNITED STATES MINING INVESTMENT COMPANY,
61 BROADWAY, *Calif*
NEW YORK, Jan. 12, 1880.

At a meeting of the Directors of this Company, held this day, it was unanimously resolved, that the Reports on the Cherokee Flat Blue Gravel and Spring Valley Mining properties should be accepted and endorsed by this Board, and that a Company be incorporated under the Laws of the State of New York, to be called the SPRING VALLEY HYDRAULIC GOLD COMPANY, with a Capital Stock of 200,000 Shares, at \$1, par value, per share, or a total of \$200,000. The subscription price remains at \$10 per share.

As it is expected that this Stock will be held as a permanent dividend paying investment, under the advice of counsel, we have adopted this low capitalization, in order to afford the Stockholders the most ample protection against any possible personal liability for debts that might be contracted hereafter.

This in no way detracts from the value of the stock, while it guarantees the Stockholders against any possible liability or future assessments.

EDWARD BATES DORSEY,
President.

DIRECTORS.

EDWARD BATES DORSEY.....Mining Engineer.	H. HAYMEYER.....Of Haymeier, Emrick & Co, Boston.
I. C. BARDOCK.....Of Williams & Cole's Ironing Mill.	A. F. WALDMAN.....Vice-President Hunt Fire Ins. Co.
Wm. H. CURRY.....Late Receiver and Treas. Erie R. R.	Wm. L. JENCKES, Jr.....Of Wm. S. Nichols & Co, Bankers.
Wm. FRYE.....President National Bank of New York.	Geo. D. WEST.....Commission Merchant.
JONATHAN CURRIE.....Of D. Appleton & Co, Publishers.	THOMAS MANNING.....President National Bank of Republic.
D. S. APPLETON.....Consulting Engineer, Boston, Mass.	HENRY W. FORD.....Of Perkins & Cheney, Bankers.
URSUS S. CRAWFORD.....Lawyer.	EDWARD A. FANT.....U. S. Lloyd's Marine Insurance.
ARTHUR B. CLAYTON.....Pres. St. Nicholas National Bank.	A. FOSTER HIGGINS.....Of Perkins & Cheney, Bankers.
Jas. P. ROBINSON.....Consulting Engineer, New York.	CHAS. L. FARRINGTON.....Of Tower, Ciddings & Co, Bankers, Boston, Mass.
GERRARD W. WARREN.....H. V. Lio Tea Co., Boston, Mass.	L. B. GREENLEAF.....Vice-President of St. Louis & San Francisco R. R. Co. St. Louis, Mo.
C. A. WIGHTMAN.....Of Lee, Wightman & Co., Bankers, Boston, Mass.	J. BAKER.....Pres. Bath National Bank, Bath, Maine.
JAMES D. FINE.....President Marine National Bank.	

REPORTS
OF THE
SPRING VALLEY
HYDRAULIC GOLD COMPANY,

COMPARING THE
CHEROKEE FLAT BLUE GRAVEL

AND
SPRING VALLEY
MINING AND IRRIGATING COMPANY'S PROPERTY.

By R. H. STRETCH, M. E.,

AND
CHARLES WALDEYER, M. E.,

AND
HAMILTON SMITH, Jr., M. E.

SITUATED AT
CHEROKEE FLAT, BUTTE COUNTY,
CALIFORNIA.

Calif

REPORTS
ON THE
SPRING VALLEY
HYDRAULIC GOLD COMPANY
COMPRISING THE
CHEROKEE FLAT BLUE GRAVEL
AND
SPRING VALLEY

Mining and Irrigating Company's Property.

By R. H. STRETCH, M. E.,
AND
CHARLES WALDEYER, M. E.,
AND
HAMILTON SMITH, Jr., M. E.

SITUATED AT
CHEROKEE FLAT, BUTTE COUNTY,
CALIFORNIA.

JOHN J. CAULON, PRINTER,
20 Vesey Street, N. Y.

HADBYDIE. 1900. 12-11-11



SPRING VALLEY.
300 FEET HIGH

VIEW OF SPRING VALLEY AND CHEROKEE FLAT MINES.

CHEROKEE FLAT, BLUE GRAVEL.
HEIGHT OF BANK 600 FEET.

SYNOPSIS OF REPORT
ON THE
"CHEROKEE FLAT BLUE GRAVEL" and "SPRING VALLEY" Mining Claims,
LOCATED AT CHEROKEE,
BUTTE COUNTY, CALIFORNIA.

1. The Property consists of 1,315 acres of deep, gold-bearing gravel, of which 893 belong to the "Cherokee Flat Blue Gravel Company," and 322 to the "Spring Valley Company," with water works which cost \$500,000, lands, flumes, buildings, and all necessary mining appliances.

2. From certain natural features of the ground, the property can be worked better as a whole than can each parcel separately.

3. The Title is perfect.

4. The ground may be safely said to contain Sixty-eight Million Dollars (\$68,000,000) in gold.

5. The ground worked, being about 100 acres, has yielded \$5,338,061 40, or about \$55,000 per acre, and a large amount remains to be extracted from this ground.

6. \$2,572,334 28 has been produced in the last six years, of which \$1,380,394 21 has been profit.

7. By a consolidation of both properties (after the completion of the Cherokee Flat Blue Gravel deep tunnel, which will take less than one year), one only now being worked, the income can be increased to from \$550,000 to \$850,000 net, and these figures can be substantially maintained for many years. The mining ground is, practically, inexhaustible, and the water is a saleable commodity for all time.

8. The Spring Valley Company is to-day in a dividend-paying condition. The production for the last 70 days was \$86,900, at a profit of \$800 daily.

9. Work at the mine is in active progress; in fact, has never been stopped, either summer or winter, since 1875, when the water-works were completed.

10. The consolidation of these properties makes the finest gold gravel property extant, its steady productive ability being an absolute certainty.

For facts on which these conclusions are based, see main report.

Yours respectfully,

R. H. STRETCH, M. E.

TO EDWARD BATES DORSET, Esq.,
President United States Mining Investment Co.
November 17th, 1879.

MENLO PARK, N. J.,

December 20th, 1878.

EDWARD BATES DORSEY, Esq.,

President.

SIR: I have read with care the report of R. H. Stretch, M. E., upon the properties of "The Cherokee Flat Blue Gravel," and "The Spring Valley Mining and Irrigating" Companies, the result of a most careful investigation by him during a period when I was investigating the same properties, at the instance of and under instructions from Prof. T. A. Edison; and can state, that not only all that is embraced in said Report (except perhaps platinum in the quantity named therein, which I consider too great) is justified by the facts with which I am cognizant, but I am confident, that had the former proprietors of these properties been possessed of the information now obtained of the process applicable to the saving of all the Gold, and other metals found in this auriferous deposit, much larger net returns would have been shown on the books of the Companies, than are indicated in the report; and further, I am persuaded that if the Cherokee Flat Blue Gravel Co. had been possessed of the water facilities hitherto afforded to the Spring Valley Mining and Irrigating Co., far greater net returns would have been shown from the same area of ground sluiced from their property, by reason of such being on the deeper and richer part of the channel of this auriferous deposit. In further assurance of my opinion of the great value of these properties as now consolidated, I may say that "The Edison Ore Milling Co.," are willing to make a contract for 15 years, which I would willingly advise should be twenty-five, to take all the tailings from the properties (now being and all those that have hitherto been thrown away), and return to the proprietors of these properties one-half of the gross yield of Gold and Platinum extracted therefrom.

I am respectfully yours,

FRANK McLAUGHLIN.

EDWARD BATES DORSEY, Esq.,

President U. S. Mining Investment Co.

SIR:

From my own investigation of the subject referred to in the letter to you from my agent, Mr. F. McLaughlin, covering a period of several weeks (receiving from him during that time large quantities of the sands and gravel for treatment at my laboratory), and from my knowledge of his ability and experience in such matters, I fully endorse him as worthy of the utmost confidence,

Respectfully yours,

THOMAS A. EDISON.

NOTE.

A contract for 15 years has been made with Thomas A. Edison as representative of the "Edison Ore and Milling Company," to work the tailings and debris, which has hitherto gone to waste, by which the SPRING VALLEY HYDRAULIC GOLD MINING COMPANY will receive one-half of all the precious metals and minerals saved free of charge.

ings and debris, which has hitherto gone to waste, by which the SPRING VALLEY HYDRAULIC GOLD MINING COMPANY will receive one-half of all the precious metals and minerals saved free of charge.

STATISTICS OF SEVERAL MINING COMPANIES ON
NEW YORK MARKET.

Names of Company.	Capital.	Par Value.	Market Value.	Dividend Monthly.	Percentage on Market Price.
Ontario.....	\$10,000,000	\$100	\$40 00	50c.	1½ %
Standard.....	10,000,000	100	30 00	50c.	1½ %
Hors Silver.....	10,000,000	25	25 00	50c.	1 %
Little Pittsburg....	20,000,000	100	30 00	50c.	1½ %
Homestake.....	10,000,000	100	40 00	50c.	1 %
Leadville.....	2,000,000	10	4 75	10c.	2 %

ESTIMATED PERCENTAGE OF
SPRING VALLEY HYDRAULIC GOLD COMPANY.

Spring Valley.....	\$250,000	\$1 00	10 00	10c.	1 %
After first year.....	-----	-----	10 00	25c.	2½ %

P. S.—This is a very favorable showing for the Company, considering the character of the Mines when compared to the above properties.

THE
United States Mining Investment Co.,
61 BROADWAY, NEW YORK CITY.

President:
EDWARD BATES DORSEY.

Vice-Presidents:
HENRY HAYMEYER, JAMES D. FISH, WILLIAM H. GUION,
A. FOSTER HIGGINS, ARTHUR F. WILLIMANTH.
Secretary *Treasurer* *Comd.*
S. A. WHEELWRIGHT. H. B. LAIDLAW. COUDERT BROS.

This Company has been formed to meet a pressing and increasing want in Financial Circles in the United States, which is to investigate, by the best Engineering Talent employed, *specially* in the interest of this Company, the real merits and value of Mining Properties. The public can rely upon the assurance given by this Company, that every property which is offered to investors, bearing the Company's endorsement, will have received the sanction of its Board, based upon reports of their own employed Engineers, from personal examination of the same; and investment in such properties can be made with safety and a reasonable certainty of success. The names of its Officers and Trustees guarantee that it will do what it undertakes in an honorable and trustworthy manner.

DIRECTORS.

EDWARD BATES DORSEY.....	Mining Engineer.	H. HAYMEYER.....	Of Haymeyer, Eastwick & Co., Refiners.
I. C. BARCROFT.....	Treasurer Adams Express Co.	A. F. WILLIMANTH.....	Vice-President Home Fire Ins. Co.
Wm. H. GUYOT.....	Of Williams & Colver's Steamship Line.	Wm. L. JESSUP, Jr.....	Of Wm. S. Nichols & Co., Bankers.
Wm. FERRY SCHAMBER.....	Lead Refiner and Trans. Erie R. R.	Geo. B. WEBB.....	Consul-General Merchant.
CHAS. M. FAY.....	President National Bank of New York.	THOMAS MANSON.....	Broker.
JOS. F. O'NEILL.....	Of D. O. Apthorp & Co., Publishers.	HENRY W. FORD.....	President National Bank of Toronto.
D. E. ARNOLD.....	Of D. O. Apthorp & Co., Publishers.	EDWARD A. FLETCHER.....	Consulting Engineer, Boston, Mass.
ALFRED S. GRANT, Jr.....	Lawyer.	A. FOSTER HIGGINS.....	U. S. Lloyd's Marine Insurance.
ARTHUR E. GRAVER.....	From St. Nicholas National Bank.	CHAS. L. FERRISS.....	Of Parker & Chase, Bankers.
JOS. F. HERRING.....	Consulting Engineer, New York.	L. B. CARROLL.....	Of Towne, Childs & Co., Bankers.
GEORGE W. WARRER.....	N. Y. Life Ins. Co., Boston, Mass.	J. B. BUCKLEY.....	Vice-President of St. Louis & San Francisco R. R., St. Louis, Mo.
C. A. WINTER, of Lee, Higginson & Co., Bankers, Boston, Mass.		ARTHUR SEWALL.....	From Bank National Bank, Bath, Maine.
JAMES D. FISH.....	President Marine National Bank.		

EDWARD BATES DORSEY, ESQ.:

SAN FRANCISCO, October 10, 1878.

Dear Sir:

In accordance with your instructions, I have made a careful examination of the property of the Cherokee Flat Blue Gravel Company, and of the Spring Valley Mining and Irrigating Company, situated north of Oroville, in Butte County, State of California, and have the honor to report as follows: My investigation has extended over a period of ten days, and the conclusions drawn are based, not upon speculation, but upon actual ascertained facts. I shall treat both properties as a unity in this report.

Yours respectfully,

R. H. STRETCH, M. E.

REPORT

ON THE

CHEROKEE FLAT BLUE GRAVEL, AND SPRING VALLEY MINING AND IRRIGATING CO'S PROPERTY,

SITUATED AT

CHEROKEE FLAT, BUTTE COUNTY, CALIFORNIA.

Having, in previous reports, given a very full and complete account of hydraulic mining operations in California, I shall not burden these pages with a repetition of the same.

The relation of the mines to the gravel deposit, of which they are a part, is shown in map No. 2 in which the yellow shading shows the known extent of the gold bearing gravel, the green line the Rimrock, or point where the solid rock which underlies the gravel comes to the surface, and the gray shading the basalt or lava cap which overlies the gravel, leaving visible a portion of the gravel where

it has been broken away. An examination of all the surroundings affords abundant evidence that the old river channels used to run through the Spring Valley, Cherokee Flat Blue Gravel and the Hendricks' mines, with a grade of about one hundred feet to the mile, so that the deepest depression or main channel will be found in a position very nearly represented by map 8, which shows the ground under consideration on a still larger scale.

Map 8 shows the ground of the Spring Valley Company (colored red), also the ground of the Cherokee Flat Blue Gravel Mine (colored green), with the local roads, reservoirs, &c. The Hendricks' track of 6 31-100 acres, is not included in the company's property. The total area of the ground owned by the Spring Valley Company is 323 32-100 acres; of this about 100 acres has had the top gravel removed, the shape of this portion being indicated by the sinuous brown line, and about 40 acres are unavailable for hydraulic purposes on account of the heavy lava cap (marked sugar loaf), so that there is an available area for hydraulic purposes, of about 180 acres of gravel which has not been touched, and 100 acres partially worked.

The Cherokee Flat Blue Gravel Company owns about 893 acres of ground, of which about 200 acres is available for hydraulic purposes, and the balance can only be drifted on account of the heavy lava cap.

A clear title can be given to the whole of this land, aggregating 1,215 32-100 acres.

WORK DONE ON THE CLAIMS.

In 1856, the Cherokee Flat Blue Gravel Company started a deep bedrock tunnel to open their ground as a drifting claim, and pushed the work ahead until June, 1859, when the tunnel was in a distance of 1,542 feet, and work was stopped. When resumed, in the spring of 1867, an incline was started almost directly above the end of the old tunnel, and in May, 1870, had penetrated the hill about 800 feet, following the bedrock, and proving the existence of what is known as the blue lead under Table Mountain. The incline was very wet and suffered severely by the heavy blasts in the adjacent workings of the Spring Valley Company, so that it had to be abandoned, and from that time no work has been done on the claim.

Before the consolidation of the Cherokee and Spring Valley claims,

they had each been worked in a small way by small streams of water with low pressures, but after the consolidation, extensive water-works were planned and built, and since February, 1873, the daily supply of water has been 2,910 inches, equal to nearly nine million cubic feet; as a natural consequence, the company at once produced excellent results, a synopsis of which is given below. The Spring Valley ground was opened by the Welch and Eureka Tunnels, neither of which permit the working of the bedrock, so that there yet remains a stratum of gravel, varying from 5 to 40 feet thick over the entire ground which has been worked, and as the bedrock pitches southwest into Table Mountain, the thickness of this untouched bottom gravel increases steadily as work progresses south, up Saw Mill Ravine.

QUALITY OF THE GRAVEL.

The total area of ground worked by the Cherokee and Spring Valley Companies, has been about 100 acres in a period of from 25 to 30 years, while the production of gold has been about as follows:

From 1849 to February 15, 1871, say twenty years, at \$150,000.....	\$3,000,000 00
February 15, 1871, to February 25, 1879.....	250,000 01
February 25, 1879, to August 5, 1879. (See statement).....	2,850,234 39

\$5,480,181 40

From which it results that the yield per acre has been \$54,491 61.

It is not easy to say, in the absence of definite data, what has been the variation in the quality of the gravel in the different portions of the mine, but an average value per cubic yard of the whole mass worked, is easily obtainable; at the rate of \$4,491 61-100 per acre, one square yard would yield \$11 25, which for an average thickness of 40 yards (120 feet), is 28 cents per cubic yard.

It should, however, be remembered, that this result does not include the dark green and blue gravel left in the pit, which, we have previously seen, have an average thickness, say of six yards. These are the richest gravels in the claim, and are worth on the average of \$5 per yard.

In the Eastern portion of the works, the coarse gravel is rich in gold; so rich, in fact, that the Spring Valley Company keep quite a force of men employed upon it at a very heavy cost. Thirty-two

pounds of the blue gravel, taken on the line between the Spring Valley and Cherokee Flat claims, gave me 64 cents, equal to two cents per pound, \$40 a ton, or \$70 a yard. A long series of pannings on the same gravel, including also samples from the rotten boulder streak, and some of the top gravel which had caved down, gave me an average of 4 cents to the pan, which is equal to about \$8 per ton, or \$10 50 per yard. The estimate for a thickness of 48 yards (138 feet), is certainly very safe. As it is about 6 yards thick, its average value per square yard would be \$30, which, added to \$11 25, the actual value of the ground already washed, makes \$41 25 as the value of one square yard from the surface to bedrock, which, for a thickness of 48 yards (138 feet), would give 89 cents as the approximate value per cubic yard.

From the above facts I deem the following to be a fair estimate of the gold in the property:

180 acres of Spring Valley hydraulic ground, at \$50,000 per acre.....	\$9,000,000
100 acres of bottom gravel at \$140,000.....	14,000,000
200 acres of Cherokee F. B. Gravel hydraulic ground, at \$50,000.....	10,000,000
8,000 yards long by 250 wide by 5 high, for drifting ground on C. F. B. Co., \$800,000 yards at \$10.....	80,000,000
	\$68,000,000

In this estimate I place the hydraulic ground of Cherokee Flat Blue Gravel Company at a somewhat higher rate than that belonging to the Spring Valley Company, because it appears to be nearer to the main channel.

The dimensions of the drifting channel were obtained by measurements on the ground. Result of the past operations of the Spring Valley Company. The following is an instructive table:

Year.	Gross Product's	Expenses.	Profits.	Dividends.
July, 1873.....	\$120,181 44	\$30,718 97	\$89,462 47	\$20,000
" 1874.....	478,112 28	123,677 79	354,434 49	100,000
" 1875.....	481,289 81	140,038 48	341,251 33	85,000
1876.....	400,281 71	147,037 29	253,244 42	80,000
September, 1877.....	385,278 00	125,548 00	259,730 00	25,000
October, 1878.....	314,330 00	107,423 23	206,906 77	100,000
Five years nine months.....	\$4,064,847 87	\$744,384 76	\$3,320,463 11	\$465,000
Yearly average.....	\$832,968 98	\$148,877 83	\$684,091 08	\$93,000

As the claims stand to-day, they merely require the completion of the Cherokee Flat Blue Gravel deep tunnel to put them in first class condition. This tunnel is one hundred feet below bedrock, where it will strike the channel, and requires to be run six hundred feet, to the first upraise. The last eight hundred feet is constructed on a sluice grade of four feet to the one hundred feet, while the first seven hundred feet will have to be cut down five feet at the mouth to bring it to the same grade. The whole tunnel will have to be enlarged from 5x7 feet to 9x9 feet square, so that the modification and enlargement will cost as follows:

New work will cost:

251.957 50

This work would take twelve months, allowing a monthly progress of one hundred feet, and would make the tunnel available for hydraulic pur-

poes at the beginning of the second fiscal year. To prepare it for drifting purposes, two hundred feet more of bedrock tunnel can be pushed ahead at a cost of \$4,800, and about one thousand feet of lateral openings made into the gravel at a cost of \$1,600. With these data we are able to furnish an estimate of the results for the first year after consolidation:

800,000 inches of water used, washing 4 yards of gravel, worth 10 cents a yard.....	\$250,000	
1,000 yards of drift gravel washed at \$10.....	10,000	\$260,000
Cost of hydraulic mining, at 35 per cent.....	80,000	
Cost of main tunnel for hydraulics.....	61,557 50	
Cost of main tunnel for drifting.....	4,800	\$108,257 50
		\$101,742 50

This result will be obtained by washing the top dirt on the ground of the Cherokee Blue Gravel Company, which we know is worth from five to fifteen or twenty cents per yard, thus avoiding the great expense of handling the bottom dirt by which expenses can certainly be reduced from thirty-three to twenty-five per cent., and all the necessary appliances are in place, as shown in the plan of the flumes and air-pipes hereto attached. The results for the second year are such that I almost fear to state them, although I can find no reason to doubt their accuracy after canvassing them repeatedly. In this year the income would be from three sources, entirely independent of each other, and the working of which would in no manner clash, viz.: from drifting, from washing the high bank, and from working the bottom gravels left in the old works. Let us look in the first place at each proposition by itself. To estimate the drifting proposition, certain dead work must be done, viz.:

The main tunnel should be run ahead 400 feet, at a cost of \$24 per foot, say.....	\$9,600
The upraises into the gravel can be made at a cost of.....	1,800
Lateral drifts in gravel, say 3,400, at \$1.50.....	5,100
Total dead work.....	\$15,000

The mine could employ forty stopers during the year, who, with carmen, drifters, timbermen, etc., would make an average force of say eighty men at \$3 per diem. These stopers can take out four yards daily to the man, or one hundred and sixty cubic yards daily. (I had that, on contract work, men have taken out as high as eight and one-third yards

100 gravel daily for 300 days, equals 48,000 yards, at \$10.....	\$480,000
Total 1-50 of the drilling ground, 80 men at \$3, \$240, for 800 days.....	\$72,000
Timbering.....	60,000
General repairs of all kinds.....	10,000
Candles, powder, steel, tools, lumber, etc.....	10,000
Dead work, as above.....	18,000
	\$167,000
	\$818,000

700,000 inches of water at 70 cents per inch	\$490,000
Less expenses, 25 per cent	122,500
	<u>\$367,500</u>

An acre per annum might be cleaned up at a cost of, say \$45,000, or 33 per cent., leaving a margin of \$100,000. The total result would be as follows:

Net income from drifting operations	\$318,000
hydraulic	87,500
cleaning up	100,000
	<u>\$780,500</u>

And there is no element of uncertainty about any of these figures except the first. These figures are substantiated by the results of these claims in their actual returns, by the experience of other mining enterprises of a similar character, and by very careful examination of the ground, they can be substantiated and maintained for many years.

Appended to this report you will find a statement of each "clean-up" made by the Spring Valley Company since the water works were completed: a complete schedule of the property included in the proposed transfer; a sketch of the appearance of the gravel bank along the line between the two claims, etc.

As in all hydraulic enterprises an abundant water supply is all important, a glance at those constructed by the Spring Valley Company may not be out of place; as will be seen by the schedule of property, there are nearly 100 miles of ditch and pipes, all in excellent repair, giving a steady supply of 2,210 inches at the discharge gate of the Concow Reservoir, and the supply has been maintained without drawing upon the Round Valley Reservoir at the extreme northern end of the works, so that the capacity of the works may be safely set down at 800,000 inches per annum delivered by Concow Reservoir, without reckoning the local winter supply. I have, therefore, assumed the capacity of the works at the above figures. The reservoirs near the mine are numerous, and so located as to be out of the way of future mining operations. For the use of the machinery for drifting purposes, the water of the Pies Valley ditch can be brought in and had at a nominal cost, say \$50 monthly. Ample allowance is made for this extension in the estimates.

As the so-called "debris" question is one of vital importance to all hydraulic mines at the present time, it is only right to state that ample provision has been made by the Spring Valley Company to avoid conflict with the farming interests from this source. About 3,850 acres of land lying along the bed of Dry Creek, and including the whole of the river bottom to the bluffs on either side, go with the property, the whole of which is available as a dump for tailings, without risk or expense. I examined all this ground which is shown on map. The tract is large enough to accommodate the debris of 200 acres of deep hydraulic ground, and yet not be covered to a depth of 30 feet. The possession of this land, and also the right of way down to the main river, effectually disposes of the debris question, so far as the property under consideration is concerned.

It may also be of interest to state that at the time of my visit, Major McLaughlin, on behalf of Professor Edison, the celebrated electrician, was devoting his time to an investigation of the platinum question. His stay at Cherokees extended over two weeks, and resulted in the discovery of this metal in abundance, so that it may be probably a source of revenue in the future, to the extent of \$20,000 to \$30,000. I have not, however, laid any stress on this point in my estimates. Incidentally his presence was of great importance to me, as the constant prospecting of platinum, in which alone he had an interest, resulted in the same show of gold in every pan which I had personally found, and many of his prospects greatly exceeded my own.

He also discovered the fine sands to contain innumerable small, microscopic diamonds, and it is not unlikely that the process through which the black sands would have to be passed to eliminate the platinum, would result in the discovery of many valuable stones; no search is made for them, yet they are not unfrequently picked up; one was found while I was on the ground, which, if cut, would have a value of about \$75 to \$80.

In conclusion, I may say that the statements here made can be readily verified; whatever argument may be used against each property separately, there cannot be one urged against the consolidated interests.

Yours respectfully,

R. H. STRETCH, *M. E.*

APPENDIX.

Since my arrival in New York, I have learned a few additional facts which may be of interest.

Samples of the black sands which are collected in the flumes in large quantities, were sent to Mr. Edison for examination, to see if they contained platinum; each of these samples consists of 25 lbs. One was the sand just taken from the flume after extracting the amalgam, the other the same material after it has been passed through a small pan and partially ground. The results were \$1,750 and \$940 per ton of 2,240 lbs., in gold, respectively. These results show that the sands may probably be made a source of considerable profit. To secure them in quantity merely requires a little more labor in cleaning up, the additional cost being inconsiderable.

I am also in receipt of information from the Spring Valley Company, dated October 30th, that up to that time 800 lbs. of amalgam, worth about \$80 a pound, had been sent up to the office, and that the men were then engaged in cleaning up the Pureka Tunnel. The amalgam to Oct. 20th being worth about \$84,000 or upwards, it is probable that the total clean-up will aggregate \$80,000, if not more, as the last clean-up was on Aug. 9; this is the result of two months and ten days work, equal to about \$1,255 daily, or at the rate of \$450,000 per annum. This result was largely due to the employment of a large force of men to wheel the bottom gravels into the flumes, and is good evidence in support of the position taken in the main report.

It will, of course, be understood that the company going into possession will be making an income immediately, everything being in complete running order.

R. H. STRETCH, M. E.

New York, October 30th, 1879.

STATEMENT OF THE BULLION YIELD

OF THE

SPRING VALLEY MINE,

From the Consolidation of the Cherokee and Spring Valley
Mines in 1873 to date.

Year.	Date of Close-up.	Total Yield.	Year.	Date of Close-up.	Total Yield
1870—	February 20.....	10,020 00	1870—	February 18.....	\$11,004 88
	March 31.....	25,471 78		March 31.....	60,205 11
	April 6.....	12,420 03		April 9.....	20,088 34
	May 9.....	28,009 84		" 11.....	4,808 28
	June 4.....	29,648 05		" 19.....	28,488 00
	June 19.....	16,568 18		" 28.....	27,001 10
	August 8.....	8,820 49		" 28.....	28,908 77
	September 18.....	40,853 00		June 9.....	27,708 15
	October 20.....	17,278 15		July 17.....	26,328 28
	November 24.....	62,281 71		September 18.....	28,221 83
	January.....	23,617 94		November 28.....	20,500 18
		\$320,027 23		December.....	18,148 08
				January 20.....	21,008 77
					\$400,399 64
1874—	February 25.....	72,256 87	1877—	February 10.....	11,288 12
	April.....	42,038 23		March 10.....	11,788 81
	April 9.....	40,820 89		April 10.....	25,109 87
	May 11.....	19,843 30		May 4.....	28,336 11
	May 25.....	28,658 03		June 18.....	29,948 28
	July 8.....	18,932 48		July 31.....	17,990 10
	July 15.....	40,897 49		August 8.....	28,817 41
	August 4.....	28,421 04		September 15.....	31,291 01
	November 23.....	19,781 81		December 8.....	34,189 24
	November 2.....	27,441 07		January 8.....	26,473 63
	November 8.....	523 03			\$200,080 21
	December 25.....	60,810 12			
		\$400,888 68	1878—	March 9.....	24,170 10
				March 25.....	26,480 20
1875—	February 12.....	60,435 06		May 27.....	10,510 84
	March.....	9 87		June 7.....	25,000 01
	April 16.....	73,239 44		August 7.....	21,528 87
	May 15.....	47,824 09		October 29.....	40,800 00
	July 15.....	63,290 54		January 1.....	90,187 01
	September 8.....	14,034 45			28,701 40
	October 18.....	19,868 37			\$200,331 88
	November 9.....	21,844 23	1879—	February 1.....	12,000 00
	December 10.....	19,048 44		May 9.....	51,728 03
	November 5.....	2,428 03		August 5.....	97,025 08
	December 29.....	11,148 19		October 21.....	86,000 00
	January.....	80,191 04			
		\$350,775 88		Total.....	\$2,572,524 69

SCHEDULE OF PROPERTY

Belonging to the Spring Valley Mining & Irrigating Company.

MINING CLAIMS.

Land included in patent.....	210 80-100 acres
Kerr & Green claim.....	2 48-100 acres
38-49 Wild Yankee.....	6 48-100 acres
Total.....	328 78-100 acres

Large claim on Butte Creek (value uncertain); land purchased to provide dump for tailings, about 6,000 acres.

RESERVOIRS.

Concow, which covers 210 acres, and cost \$10,576 08; Round Valley, area 160 acres, cost \$5,870 65; also Grub Flat, Littlefield, Heichlason, Tom Jones, Glass, Spring Valley, Campbellfield, and Table Mountain, 10 acres.

DITCHES.

Dewey & Miners, 645, 80 miles; Butte Creek to Concow Reservoir, 25 miles; with 1,000 feet 80-inch pipe at Little Butte Creek, and 3,780 feet 80-inch pipe at the west branch of the North Fork, also 84x4; Fall Creek Ditch, 444, 21 miles; Concow Reservoir, to Cherokee, with 14,000 feet 40-inch pipe across west branch, and 3,630 feet of 40-inch pipe to Grub Flat Reservoir, 10 miles; Oregon and Table Mountain Ditch, 17 miles; Irish Ditch and Reservoir, 9 miles. Total, 964 miles.

TUNNELS.

Welch, Euraka and Cherokee equipment of claims. 30,480 feet of 4, 5, 6-foot flumes; 20 under currents; 16 giants; 2 derricks; 12 gates and distributors; 5,000 feet 22-inch pipe; 2,800 feet 15-inch pipe.

BUILDINGS, ETC.

Stone office; store; barn; blacksmith shop; lumber shed, and sandy small buildings in the pit.

TELEGRAPH LINE.

Cherokee to Oroville, connecting with lines of the Western Union, say twelve miles, with complete outfit.

GENERAL SUPPLIES.

Quicksilver, about 6 tons; 60 tons hay; 500 sacks barley; 2 wagons; 4 horses; lumber; iron; steel; powder; fuses; tools, and a full list of everything required in the works.

MEMORANDUM

RECEIVED

Kind	Value	Paid for	Received	Balance
Jan 1-14	10,171.12	25	10,000 00	
Feb 1-14	40,000 00	10 00		
Mar 1-14	40,000 00	22 50		
Apr 1-14	40,000 00	20 00	11,000 00	
May 1-14	40,000 00	4,000 00	40,000 00	
Jun 1-14	40,000 00	900 00		
Jul 1-14	40,000 00	40,000 00		
Aug 1-14	40,000 00	40,000 00		
Sep 1-14	40,000 00	40,000 00		
Oct 1-14	40,000 00	40,000 00		
Nov 1-14	40,000 00	40,000 00		
Dec 1-14	40,000 00	40,000 00		
Total	400,000 00	100,000 00	300,000 00	

Billings Prodn...

Order discount and water rates...

Pay Expenses of Mining (including travel)...

Pay say \$211,700.00 - \$211,700.00 =

This has 10 days class up was \$211,700.00.

MEMORANDUM, SHOWING OPERATIONS OF SPRING VALLEY MINING AND IRRIGATING COMPANY,

From June 16th, 1873 to October 31st, 1879.

RECEIPTS.						EXPENDITURES.									
Period.	Dollars.	Flour Dis- counted Water Sales.	Ranches Sold.	Product From Ranches.	Bills Payable and Accounts.	Total.	Expenses of Mining.	Water Pipes, Reservoirs & Quicksilver.	PURCHASES.		Expenses of Ranches.	Interest Paid.	Dividends.	Bills Payable and Accounts.	Total.
									Mining O'ed.	Ranches.					
6 mo - July 1873					\$144,687 45	621,609 68	\$135,877 70	\$57,130 23	\$57,490 00			\$1,208 21	\$100,000 00	\$2,079 28	\$621,609 68
73 - 1874	474,113 25	\$880 00			80,000 00	406,522 75	140,825 45	24,876 80	28,208 00	71,873 84		8,838 44	85,000 00	119,556 47	481,682 10
74 - 1875	401,609 01	78 00			60,000 00	461,688 10	150,869 77	4,261 56	109,811 03	91,799 90		14,078 21	80,000 00	86,868 68	637,381 98
75 - 1876	400,891 74	82 00			\$5,549 01	406,522 75	158,548 00	7,984 00	102,699 70	28,045 48	\$35,217 00	43,914 40	50,000 00	169,914 70	649,024 61
76 - 1877	385,876 00	200 00	11,500 00	17,928 87	288,925 74	549,024 81	188,918 88	9,636 01	5,658 30	9,570 84	10,696 41	22,819 40	100,000 00	181,788 67	646,328 08
77 - 1878	314,208 88	4,405 00	48,086 00	12,006 38	72,588 00	446,328 08	108,908 51							68,704 76	528,408 33
78 - 1879	219,542 88	900 01			6,654 82	226,498 71	837 20	14,414 81	49,599 50	23,688 28				\$120,910 13	\$672,885 10
TOTALS.	\$2,168,726 11	\$6,881 61	\$54,682 00	\$41,889 38	\$761,707 86	\$3,043,585 00	\$822,179 40	\$86,384 80	\$205,909 20	\$508,484 00	\$87,487 54		\$485,000 00	\$572,885 10	\$8,018,285 80

RECAPITULATION.		
Bullion Product.....	\$2,168,726 11	
Flour discount and water sales.....	6,881 61	\$2,175,607 72
As Expenses of Mining (including taxes).....	\$20,679 40	\$1,839,578 22
Net, say \$761,707 86 - \$972,900 00.....	159,177 25	
		\$1,839,578 47

Improvements (water pipes, reservoirs, and quicksilver).....	\$48,584 80	
Mining Claims purchased.....	286,000 00	\$400,238 64
Ranches, Purchases, \$604,689 - Less Sales, \$64,816.....	258,500 40	
Expenses, \$287,654 - Less Product, \$41,889.....	80,668 21	401,651 70
Interest, paid on current obligations.....	120,910 13	120,910 13
- Dividends, returned to Stockholders.....	45,000 00	45,000 00
		\$1,839,578 47

RECAPITULATION.

Bullion Product.....	\$2,168,726.11						Improvements (water pipes, reservoirs, and quicksilver).....	\$84,584 80*
Flour discount and water sales.....	6,881 61	\$2,160,567 62					Mining Claims purchased.....	\$55,909 20
Expenses of Mining (including taxes).....		\$20,179 40	\$1,820,878 22				Ranches, Purchases, \$508,484.00—Less Sales, \$64,981.50—	\$443,502 50
Expenses of Mining (including taxes).....							Expenses, \$87,487.54—Less Product, \$41,889.38—	\$45,598 16
Expenses of Mining (including taxes).....							Interest, paid on current obligations.....	\$20,910 13
Expenses of Mining (including taxes).....							Dividends, returned to Stockholders.....	\$485,000 00
Expenses of Mining (including taxes).....								\$1,020,005 47

The last 70 days close up was \$89,791 06.

* Probably \$20,000 of this sum should have been charged to expenses.

† Some of the crop of 1879 remains unsold, which will be a future credit to this account.

REPORT.

[This is the official report made eight years ago to the Board of Directors of the Cherokee Flat Blue Gravel Company for their personal use and guidance.]

To the President of the Cherokee Flat Blue Gravel Co.

SIR: Having been requested by you to make an ample and correct report of all matters pertaining to the property of the Company, I hereby submit the following, trusting it will have your approval.

CHEROKEE, Butte Co., Cal., Oct. 3, 1871.

Respectfully your ob't serv't,

CHARLES WALDEYER,

General Superintendent.

THE BLUE LEAD.

Amongst the great gravel deposits of California, the "BLUE LEAD" has attracted the greatest attention. Not only its position, which is immediately upon the "bed rock," but also its color, varying from a dark green to a bright indigo color, prove it to be the *oldest gravel deposit* on the Pacific coast.

Its color evidently resulted from the substratum of "bed rock," the grinding away of which afforded the pigment to dye the quartz and other debris, and the sulphurets of iron, by a chemical change, assisted in making this color "fast."

It is hardly reasonable to ascribe the creation of the "blue lead," and the gravel deposits overlying it, merely to the action of water, and we must call to assistance the

GLACIAL MOTION THEORY

of Professor Agassiz.

Before entering upon the above mentioned task, it will be necessary to inquire:

How was the quartz, the matrix of almost all the gold found in California, supplied? Can we really believe that enough quartz ledges were destroyed

Reports on the Spring Valley Hydraulic Gold Company.

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to cover from fifty to a hundred square miles with nothing but quartz gravel and quartz sand from two to three hundred feet deep?

Would all the known quartz ledges of California, rising from unknown depths, even ten times higher than Mount Blanc, have been sufficient to furnish one ten-thousandth part of the quartz gravel deposits now found in this country?

After considerations like the foregoing, it must become evident to the investigator, that the quartz before ground into pebbles and sand, existed in huge masses, and in such a position that any great grinding force, or power of attrition, could be applied more or less directly to it.

This point agreed upon, will it not be an easy task to account for the existence of quartz in enormous masses, covering the hillside and filling the vale? Adopting the theory that the quartz in a molten state was forced from the bowels of our globe, through fissures in its crust, to the surface, we must come to the conclusion that, as long as the expelling force lasted, the flow of molten quartz would continue, not only filling the fissures to the surface, but pouring in a broad sheet over the lips of the fissure, and seeking, like molten lava, or any other fluid matter, its level.

Here then is a source for quartz, supplying all wants, for we have made the existing quartz ledges nothing but extinguished craters, belching in bygone ages their golden streams in every direction.

Any other theory about the creation of quartz ledges will do just as well as the igneous, adopted above, for it must be presumed that, even if the fissures, now containing the quartz, were filled from the surface, then there is no reason to doubt that *immensely more silicious matter was so hard than to fill merely the comparatively few fissures*, and we have again enormous deposits of quartz on the surface, waiting for nature's great crushing process.

The Glacial Motion Theory of Professor Agassiz accounts at once for the existence of the great deposits of drift, not only in and near the valleys of our State, but also on the highest mountain tops of the Sierra Nevada.

According to the Professor's theory, immense ice-fields, thousands of feet deep, covered the continents, and commenced at a certain period their slow motion from north to south, crushing and grinding under their immense weight whatever might be subjected to their pressure, or ploughing deep and broad furrows in their onward march; which later, as far as California is concerned, must have formed the channel for those ancient streams, called by a certain writer the "dead rivers of California."

In support of this theory of Mr. Agassiz, who certainly formed it upon a broader basis than the evidences of the physical geography of California, it must be stated that these ancient channels or "dead rivers" of California, now the depositories of the different "blue leads" and their overlying quartz

gravel strata, run all in the same direction, to wit, from north to south, when all the modern rivers of California debouch into the Pacific Ocean to the west.

It must be evident that this "Glacial Motion" was the beginning of the latest thermal change, and that, when the ice had disappeared, immense floods succeeded, washing the crushed "pulp" into channels and streambeds, and filling them to the depth of hundreds of feet, as evidenced by existing deposits.

Whether the views advanced in the foregoing lines are correct or not, will be immaterial; however, they may illustrate that:

1. The great gravel deposits of California are only an accumulation of the same gold-bearing material which is now extracted from the quartz veins.

2. That nature, though in a crude manner, performed the operation of crushing, and facilitated thus the extraction of gold.

3. That gravel mining, under the modern improvements, will be the most extensive, the most lasting, and the most remunerative mining operation carried on in the State.

The great "blue lead" and gravel deposit in Butte County, claiming our particular attention, will be made the object of a careful description.

LOCATION OF THE LEAD.

This deposit occurs under a "Plateau," known as the *Tanunu* or Butte County Table Mountain, extending for a distance of about eight miles from Cherokee Flat, in the north, to Thompson's Flat, in the south, having a width of from two to four miles. It is bounded on its western side by the Sacramento Valley, and on the south, east and north by Feather River and its tributaries, the North Fork and West Branch, so that from all sides an ascent of nearly one thousand feet has to be overcome.

Geographically it is situated between 121 and 122 degrees western longitude and 37 and 38 degrees northern latitude, and, according to the United States Land Survey, is covered by Sections 28, 29, 31, 32, 33 of Township 21, north, Range 4, east, by Sections 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 of Township 20, north, Range 4, east, and by Sections 8, 4, 5 of Township 19, north, Range 4, east, Mount Diablo Meridian.

Ever since the earliest days of gold mining in California, the surroundings of the above mentioned "plateau," or table land, offered the richest harvest to the miner.

Every ravine descending from this plateau, or near it, became celebrated for its richness. Cherokee Flat, at its northern point, and Morris' Ravine near its southern point, yielded their millions to the most primitive applications.

The miner, in those days, was satisfied to find the gold, and inquired not whence it might have come; but when these ravines and gullies, which were actually nothing but nature's "sluice boxes," had been worked out, then the

question arose: Where is the storehouse from which all this gold has been drawn?—and every indication pointed towards the great Tenaw or Table Mountain.

INTRODUCTION OF WATER.

As the mode of mining improved, and particularly when hydrostatic pressure was employed, known in California as the *Hydraulic Process*, then the peculiar and isolated situation of Cherokee Flat, which justly can claim the thickest and most extensive gravel deposit in the State, was seriously felt. It was considered next to impossible to bring living water in sufficient quantities to that place. The only way to bring such water was either from the West Branch, or North Fork, both tributaries of Feather River, and in either way across the chasms formed by these streams, which flow nearly a thousand feet below the level of Cherokee Flat.

Reservoirs and ditches, at the expenditure of hundreds of thousands of dollars, were constructed merely to catch and store away the rainwater during the winter season, and thus the means for two or three months' mining were obtained. The splendid results of these short mining seasons challenged again and again the energies of enterprising men, and several unsuccessful attempts were made to enlist capital in the introduction of living water to these mines. The idea to carry water by means of pipes across chasms of 9,000 or 1,000 feet vertical depth, startled even mining engineers of note in the United States and England, and their estimates were either so enormous as to costs, or so doubtful as to success, that even the most daring abandoned the scheme.

And thus, up to the early summer of 1870, the mines depended altogether on rainwater, but yielded so largely that a party of San Francisco capitalists, in connection with the Spring Valley Mining Co. of Cherokee Flat, took the matter in hand, and after six months' labor, a sheet-iron pipe, 30 inches in diameter, discharged in a steady and even flow a thousand inches of water.

This water was taken from some small tributaries of the North Fork, known as "Plea Valley creek," "Camp creek," and the unusual dry season of California lessened the supply of water to about a regular flow of 600 inches for the whole 24 hours. Besides this rather small supply of water, the Spring Valley Canal and Mining Co. had not only difficulties on account of the insufficient depth of its tunnel—a lower tunnel not being finished—but also on account of those constant improvements which an altogether new *modus operandi* generally necessitates; but still this company produced a fraction of over one thousand dollars for every day's washing, which yield will certainly be doubled in the future by the greater supply of water and other signal improvements now under hand.

The enterprise of the Spring Valley Canal and Mining Co., being the most important of the kind in this State, in fact being the first which has overcome a depression of between 800 and 1,000 feet (such a one being formed by the chasm through which the West Branch flows), deserves nearer description.

The water is carried in a ditch past Yankee Hill to a point on the north side of West Branch, said point being 650 vertical feet higher than the point where the West Branch is crossed, when a sheet-iron pipe receives the water, carrying it down the slope of the mountain to the crossing of the West Branch, and thence up Cherokee Hill to a vertical height of 800 feet, where the water is discharged again into a ditch and carried to the mines for use.

The pipe has a diameter of 20 inches, is over two miles in length, and constructed of the best boiler-iron—the heaviest being $\frac{3}{8}$ of an inch. As the diagram will show, the pipe on the Yankee Hill side is 160 vertical feet higher than the pipe on the Cherokee Hill side, where the water is discharged, so that there is a "head" of 160 feet. The water, however, during its greatest supply and heaviest discharge, never rose more than 50 feet on the Yankee Hill side over the point of its discharge on the Cherokee Flat Hill side, and was then estimated equal to 1,600 inches, miners' measure* (*i. e.*, water discharged under a "head" or pressure of six inches).

I mention this fact to show that a 20-inch pipe would be able to carry any desirable amount of water, provided a similar "head" is given.

The Spring Valley Canal and Mining Co. estimates its expenditure for pipe, ditches, reservoirs, etc., at \$300,000, independent of the old works, as tunnels, etc.

The pipe alone is an item of between \$55,000 and \$60,000 (delivered at the foundry).

The experience so far gained shows that, under ordinary circumstances, and provided that even a moderate supply of water—say one thousand inches—is received for the whole year, one year would be sufficient to clear the whole expenditure of \$300,000.

However, the expectations of this company go far beyond the results of its practical experience, for the reason that the gravel deposits increase in richness as the deeper parts of the channel (or these parts farther removed from the rim rock or riverbank) are reached, when particularly the "blue lend" develops finely, yielding from five to fifteen dollars per ton.

Since the Spring Valley Co. lead the way in introducing water to Cherokee and the rich mines of Table Mountain, other companies have commenced similar operations, amongst them "Hendricks & Co.," taking the water from the upper part of West Branch, and carrying the same by ditch and pipe to

* NOTE.—An inch of water, about 2½ cubic feet per minute, the water that will run out of an opening 1 inch square, or section under head of 6 inches.

"Morris' Ravine," a point where the same gravel deposit—entered here at Cherokee from the north-west—is entered from the south-east; proving equally rich and extensive, and proving thus, to the most skeptical, the unbroken continuation of the great "Gravel Lead" under Table Mountain.

Morris' Ravine itself is about five miles below Cherokee Flat and between four and five hundred feet lower, counting from the bed rock exposed in the Spring Valley Co's claims to the bed rock in Morris' Ravine, thus showing a fall of one hundred feet per mile to the channel under Table Mountain.

It may here just as well be mentioned that the "rim rock" on the eastern side of Table Mountain is a great deal higher than the "rim rock" on the western or valley side, and that the plateau of Table Mountain itself has a double inclination—one from north to south, evidently due to the natural fall of the old channel, and the other from east to west, very likely due to the fact that after the Table Mountain was formed, the mountain chain of the Sierra Nevada rose slowly under the many volcanic disturbances to which this country has evidently been subjected, and tilted the Table Mountain from east to west.

The gold found in the deposits under and near Table Mountain is of unusual fineness, averaging from 951-1000 990-1000 fine, and vary in size from the finest flower gold, generally contained, in the upper gravel deposits, to nuggets weighing many ounces, found on and near the bed rock.

OPENING THE MINES.

In opening the great "Lead" under Table Mountain by expensive tunnels, without actually knowing the depth of the channel or basin in which the richest part of the deposit rests, great risks had to be taken, the more so as only very few places for such tunnels combined the desirable advantages, to wit:

1. Sufficient depth to drain and work the basin under all circumstances.
2. Proximity to the mine, so that a tunnel of moderate length would suffice to operate; and
3. Ample room for all tailings or washings, after the gold was extracted.

The wanting or overlooking of these three requisites, or any of them, has been a source of much unprofitable labor and great expenditure in mining operations on the Pacific coast; nevertheless the desire to travel the shortest road to fortune proved, again and again, stronger than all dearly-bought lessons, and so we have, here at Cherokee, after the expenditure of hundreds of thousands of dollars for tunnels and other "oulets," only one tunnel which combines all the requisites mentioned before. The tunnel belongs to the

"CHEROKEE FLAT BLUE GRAVEL CO."

This company, originally called the "Butte Table Mountain Consolidated Mining Co.," has been since fifteen years in possession of its mining ground, consisting of about one thousand acres, and expended about \$160,000 on improvements, such as tunnels, inclines, shafts, reservoirs and machinery.

TITLE TO MINING GROUND.

To wind up the affairs of the Butte Table Mountain Consolidated Mining Co. a "friendly lawsuit" was commenced in the year 1880, before the District Court of the Second Judicial District, at Oroville, Butte Co., Cal., judgment acknowledged, and the property was in consequence, and to satisfy judgment, sold at public auction, at the Court House, Oroville, by the sheriff of Butte Co., to the highest bidder, and was purchased by an agent of the former stockholders of the Butte Table Mountain Consolidated Mining Co., who transferred the same property to the **CHEROKEE FLAT BLUE GRAVEL CO.**, the new style under which the old stockholders incorporated, said incorporation taking place October 19th, 1880, and continuing up to this date, with a capital stock of 600 shares at \$100 each, and

ALEXANDER CASELLI, Esq., as President,
HENRY PICHORIS, Esq., as Secretary.

Thus the title is beyond dispute, as the present claimants and their predecessors are the first occupiers of this ground, and have held it in undisturbed possession for over fifteen years, when the laws of limitation of California make two years the period for a legal possession of mining ground.

The improvements of this Company consist of a Tunnel 6 by 6 feet and 1,542 feet long, an incline some 800 feet long, and some Shafts, Drain Tunnels, Reservoirs, Ditches, etc., of minor importance.

The mining ground, as the map will show, stretches in a south-easterly direction, for 10,000 feet across the Channel or Basin, from "rim to rim," or shore to shore, and for 4,500 feet down the Channel, south, towards Morris' Ravine.

PRODUCTION AND VALUE OF GROUND.

The Spring Valley Canal and Mining Company, being the nearest neighbor claiming along the upper line, has worked within one hundred feet of said boundary line, as designated on the map, and developed in the progress of work richer gravel deposits than ever seen before at this place. This same company bought a piece of ground, being about 300 x 400 feet, from a certain John Welch, paying for this ground \$31,800 in United States gold coin, at which price an acre would be worth a fraction over \$17,000, when the yield per acre, according to the statistics of more than fifteen years, would be from

\$80,000 to \$80,000. But considering that all the mining operations at Cherokee Flat have been merely confined to the outskirts of the "lead," or what, in miner's parlance, is termed the "outside wash," and that, therefore, only the lighter particles of gold were reached; that, furthermore, and in support of this view, heavier and larger gold is reached as the channel deepens, and that, therefore, the yield increases and will increase for thousands of feet ahead, we must come to the conclusion that all the riches, so far developed, are nothing but a slight indication of what the future will disclose.

Throughout California, Cherokee Flat and the Table Mountain Lead are justly considered the richest gravel deposits in the State, and the closest investigation will confirm every statement made in this regard, and will show that the broad gravel stream enters, in its whole width, the boundary of the Cherokee Flat Blue Gravel Co's mining claim, and emerges again visibly at Morris' Ravine, directly south. Therefore, the existence of the "lead"—undoubtedly the main point—must be considered established, the more so when this "lead" shows itself in a thickness of from 800 to 400 feet, and in width of from one to two miles; and the next consideration must be:

How and by what means to work this "lead?"

TUNNEL AND INCLINE.

The answers to this question would be:

1. By a tunnel combining the three requisites mentioned, page 25, under 1, 2, 3.
2. By the introduction of a steady and sufficient stream of water—say 2,000 inches—procuring thus the means for extensive hydraulic operations; and
3. By drifting the richest part of the "blue lead"—the same way that stone-coal is extracted—and using in the drifts sluice boxes and water, instead of tramways and cars, to dispose of the ore, which *sedes* would save the most expensive part of drift mining, the transportation of the ore, the different gravel deposits in the channel or basin, as well as the different tunnels entering the channel or basin, shows at once that the tunnel of the Cherokee Flat Blue Gravel Co. combines all the necessary requisites, and is destined to be the great outlet for the immense gravel deposit before us.

This tunnel, when reaching point A of the incline (800 feet from its present terminus), must be connected with the incline, either by a vertical shaft, or by a slope, interrupted here and there by terraces or benches, so that the gravel, rushing down this connection, receives the benefit of an additional crushing, which is so important that, in the most reputed gravel mines in this State, new tunnels are constructed with the single view to have them deep enough to admit of this crushing process.

The incline was constructed for the purpose of ascertaining the depth of the basin, so as to be a sure guide in the continuation of the tunnel, and, at the same time, to test the different gravel formations, which had to be cut diagonally, and proved, from the lighter quartz gravel down to the "rotten boulders" and blue gravel, identical with the already exposed part of the great gravel deposit.

This incline will be of the greatest advantage whenever a connection with the surface will have to be made for the purpose of commencing hydraulic operations, as the water can be introduced by pipes to the bottom of the incline, and there, under the greatest pressure, be used to wash the gravel through the then established connection between the incline and deep tunnel.

The upper quartz gravel, cut in the incline, and of which the main body of Table Mountain is composed, in a body of from 250 to 300 feet deep, consists altogether of quartz pebbles and quartz sand, and carries very fine particles of gold. The two lower strata, however, the "rotten boulders" and blue lead or gravel, are mixed, more or less, with different boulders, the former of clay slate, the latter of talc-slate. Both strata are very rich in gold, and average each from five to twenty-five feet in thickness.

The "rotten boulders," as they are called on account of the softness of the boulders, have so far been the chief resources for gold at this place, as they were easily reached, lying above the "blue lead." This stratum seems to be peculiar to the Table Mountain deposit, and is not found in any other mining locality.

The Cherokee Mining Co. one of the oldest and most successful mining companies of this place, working, for want of a lower "outlet," altogether the "rotten boulders" and quartz gravel above them, and depending, so far, altogether on rainwater, collected in large reservoirs, produces from \$80,000 to \$100,000 every year, during the few rainy months. This company is now engaged to construct a large ditch from Butte Creek to the north-west of this place, and to carry it also by pipe over a wide and deep depression to Cherokee.

COST OF DITCH AND PIPE.

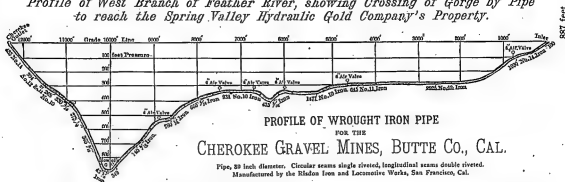
The Cherokee Flat Blue Gravel Co., with its advantages of an inexhaustible mine and an always sufficient tunnel, must now look to procure water from a source which will be adequate to the other favorable conditions; and here the North Fork of Feather river offers the surest, and therefore cheapest supply.

The accompanying map gives a correct representation of the distances and elevations.

The projected ditch, though placed at random—that is, without special survey—may be estimated, approximately, as to distance and costs.



*Profile of West Branch of Feather River, showing Crossing of Gorge by Pipe
to reach the Spring Valley Hydraulic Gold Company's Property.*



**PROFILE OF WROUGHT IRON PIPE
FOR THE
CHEROKEE GRAVEL MINES, BUTTE CO., CAL.**

Pipe 30 inch diameter. Circular cross single divided longitudinal section divided.
Manufactured by the Biddeford Iron and Locomotive Works, San Francisco, Cal.

At Cherokee there is an inverted siphon of wrought iron. The pipe has an approximate inner diameter of 30 inches, discharging 50 cubic feet of water per second. It has been in continuous use for five years, and now in first-class order. The iron used was ordinary English plate, of fair quality. The greatest pressure it sustains is 587 feet, and the thickness of the iron at that point is three-eighths of an inch.

The annexed plan, taken from the original survey, on file in the office of the company, shows the line of the pipe and different sizes of iron used in construction of the siphon. The maximum strains on the several sizes of iron used are given in the following table.

SIZE OF IRON.		GREATEST PRESSURE.		Maximum tensile strain on iron per square inch in pounds.
No.	Thickness in decimals of an inch.	Feet.	Pounds.	
14	.083	170	74	13,374
12	.109	228	125	17,292
11	.012	238	127	15,575
10	.184	355	154	17,540
8-10	.187	455	188	15,080
4	.250	594	257	15,420
5-16	.312	842	385	17,534
3	.375	887	384	15,360

A former survey, the particulars of which are not at hand, placed the point to take the water from North Fork at Rock Creek, which, along the meanderings of the river to the point on the north side of West Branch, where a pipe would have to be used, makes a distance of 27 miles. From this point to the discharge of water in the reservoir would need about three miles of pipe.

Timber for fluming, etc., is abundant; a portable saw-mill would supply what is wanted. The ditch must be commenced all along the line, but rapidly finished from the head-dam downward, so that it can be made the conveyance for sawed lumber, where such is needed for fluming, etc.

According to estimates of pretty reliable parties, who know the country well, \$250,000 would be sufficient to build a ditch and a pipe able to supply 2,000 inches of running water, miner's measure, and one summer's time would suffice to do so.

Other expenses, as extension of tunnel and building of reservoir for hydraulic pipes, etc., can be covered with \$50,000.

THE DIAMOND DRILL.

The new tunneling machine—the diamond drill—as it is now used in this country, at Smartsville, Nevada Co., and other places, has worked the greatest change in mining operations. This machine works in the hardest kind of trap rock from 3 to 5 feet, of a 6 x 7 tunnel, in 24 hours.

The rock in the Blue Gravel Co's tunnel can be worked at \$20 per foot, by manual labor, and the diamond-drill machine would put the tunnel in readiness for operation in six months.

GENERAL CONSIDERATIONS.

The very favorable location of the Cherokee Flat Blue Gravel Co's mine would permit the washing of the upper gravel strata, without using a tunnel at all, by merely setting sluice boxes on the surface and washing the debris down into the valley below, a plan which will facilitate the mining operation beyond appreciation, not only by removing the danger arising from too high banks, but also by disposing of immense quantities of matter without overcharging the sluice boxes confined in the deeper tunnel, and reserving these latter for the more valuable material.

The Reservoir located to supply the hydraulic apparatus is 275 feet higher than the point of discharge, and the power thus created is immense.

Here is, then, an operation of which the result might be calculated to a mathematical truth. All depends on the steady supply of water, and the yield of the mines can be doubled and even quadrupled. The gold-bearing

Reports on the Spring Valley Hydraulic Gold Company.

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material is here in inexhaustible and visible masses, and waits for the hand of energy to be turned to usefulness.

Closing this report, I must remark that the views and opinions discussed in its beginning may be modified to each individual taste, but that the "facts" are stated under the firm impression of their unalterable truth.

CHARLES WALDEYER,
General Superintendent C. F. B. G. Co.

STATE OF CALIFORNIA, } ss.:
County of Butte

On this third day of October, A. D. one thousand eight hundred and seventy-one, before me, Jas. C. Martin, a notary public in and for said Butte county, duly commissioned and sworn, personally appeared Charles Waldeyer, of Cherokee Flat, Butte county, well known to me, who, first having been duly sworn upon his oath, declares, that the foregoing report made by him as the Superintendent of the Cherokee Flat Blue Gravel Company, is founded in fact and in all respects true, to the best of his knowledge and belief.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

JAS. C. MARTIN.

The above report has my entire approval.

A. CASELLI,
President.

Reports on the Spring Valley Hydraulic Gold Company.

Mr. Charles Waldeyer, who has been Superintendent of the Cherokee Flat Blue Gravel Company (one of the properties embraced in this consolidation) for the last twenty-five years, has, in addition to his report, written the following:

SUPPLEMENTARY REPORT.

EDWARD BATES DORSEY, Esq.,

President United States Mining Investment Company.

DEAR SIR—The unworked bottom gravel in the Spring Valley Mine shows near the bedrock much coarse gold, and will pay well for systematic workings whenever a clean sweep can be made from the bare bedrock. Mr. Stretch's statement as to the gold contents in this bottom gravel is evidently placed upon the rich development near the exposed bedrock—witnessed by him, when he was here—but can, in my opinion, not be maintained for the whole thickness of the unworked bottom gravel.

After reading Mr. Stretch's Report, on my arrival in San Francisco early in October last, I mentioned my impression to him in regard to said bottom gravel, but found him an earnest advocate of his statements being correct, citing numerous cases, where exactly similar bottom gravels had been neglected for many years as of little value, but finally proved of unsurpassed richness. I did not feel called upon to lessen the estimated value of the Spring Valley Mine, as such action might have seemed to be dictated by a selfish purpose, and would have destroyed any friendly intercourse with the members of Spring Valley Co. for the future.

But the principal cause of my acquiescence in regard to Report on bottom gravels was the fact that the overestimate of their value did not detract in any way from the real intrinsic value of the combined mines—the Blue Gravel Co. and the Spring Valley Co.—as I honestly believe that the estimated gold content of said mines is far greater than given in Report.

To explain this statement, I must refer to Mr. Stretch's Report, which never takes in consideration the working of said bottom gravels in the Blue Gravel Co's claims, after the deep tunnel is finished, nor gives credit for the increasing richness of the general gravel deposits, as this Blue Gravel Co's ground is resided, of which the clean-up of October last gave such incontestable evidence, proving the value per acre, independent of bottom gravel, to be \$240,000, to wit:

An area of 350×75 feet = to 26,250 \square feet produced \$60,000; according to which an acre, containing 43,560 \square feet, will produce \$240,000.

Furthermore, Mr. Stretch calculates only on 6 feet of drifting gravel, when, in the course of time, certainly 18 feet of such gravel can be removed by drifting, as the unworked gravel will settle down solidly in a number of years, and a second and third drifting operation can be excavated.

As to the washing of the mine, before the deep tunnel is finished, I would commence operations at the point where the October clean-up was made, wash enough top gravel to keep men and machinery safe, place then the hydraulic chieft in such a position as to enable me to drive the rich gravel deposit before me into the sluice boxes by main force, if force was wanting, and to save thus a great deal of manual labor.

I am confident to make in this way as good clean-ups as ever were made till the deep tunnel is completed.

CHARLES WALDEYER, M. E.

CHEROKEE, Butte Co., Cal., December 22d, 1890.

EXTRACTS FROM REPORT OF HAMILTON SMITH, JR., M. E., DATED SAN FRANCISCO, DECEMBER 23, 1877.

APPLIANCES FOR MINING.

The Spring Valley Mine is well fitted up with all the machinery and supplies requisite in hydraulic mining—whose value aggregates many thousands of dollars—and no further expenditures for such purposes will be needed, except in making good the ordinary wear and tear of future mining.

WATER SUPPLY.

The present system of storage reservoirs, canals and pipes brings to Cherokee 50 cubic feet of water—about 2,000 miners' inches per second through the entire year: In addition to this, during the Winter months, a considerable quantity of water is collected from local sources. The annual supply can be safely stated at 800,000 miners' inches for 24 hours.

These water-works are in good order, are maintained at slight expense, and, in certainty of supply and economy of operation, compare most favorably with other similar works in the State. It is not necessary to here give a detailed description of them.

FUTURE PROFITS.

As the present flumes have light grades, and Cherokee flat gravel cannot be worked to advantage until the new tunnel is driven, I would not estimate over two hundred and fifty thousand dollars for maximum products this year, possibly less. When the new tunnel is completed, the yield of bullion, and consequent net returns, should largely increase, as, owing to its steeper grade, much more gravel can be washed per miners' inch through the new sluice than has been the case in the past, and also because then the lower and richer part of the gravel in Sawmill Ravine can be mined. At the head of this ravine, there is not less than 200 acres of gravel which can be washed through the new tunnel.

If the deep and rich channel swings to the East, so that it can be washed through these new workings, the net results should be larger than they have ever been before. However, in any event, this large extent of ground will afford good profits for very many years to come, when once opened as proposed.

In addition to the profits expected from hydraulic mining, it is most probable that the rich strata of rotten boulders and blue gravel can be drifted (where overlaid by lava) to advantage.

At the time of the last visit of the writer to Cherokee, the lower face of the gravel, where the channel enters the Cherokee Flat claim, was covered over by slides from the top, so that it could not be seen. Persons familiar with the mine state that the lower and rich streak of gravel (the yellow rotten boulders and overlying blue gravel), as exposed at this point, was exceptionally rich in gold, and estimate that it would yield from \$2.00 to \$2.50 per ton.

Gravel of continuous extent can be drifted at a cost of about \$1.25 per ton. Hence, if this Gravel in the Cherokee Flat Mine yields as much as stated, it can be worked with a large profit.

It is most likely that the pay channel extends through the Cherokee Flat ground for a distance of say 10,000 feet. Estimating upon above suppositions, drifting could be carried on for 20 years, with annual net returns of from \$200,000 to \$250,000.

Some little drifting has been done in years past in the Spring Valley Mines, especially in those places heretofore referred to, where the gravel was covered with pipe-clay. But this work was not extensive enough to warrant a positive expression of opinion as to what profits may in the future be expected from this source.

DISPOSITION OF TAILINGS.

The Spring Valley Company has purchased many thousands of acres of farming lands along the course of the channel, down which flow the tailings washed from its mine. It has built levees on both sides of this channel, thus forming a canal over 20 miles (?) in length, and extending very nearly to the swamp or tule lands on Butte Creek, and into which the tailings are finally discharged.

It will be the duty of the purchaser of these mines to maintain these levees in good repair; but it is not believed that this will be a heavy tax.

The Spring Valley Company includes in its sale several thousand acres of land, situate just below its mining dump, and on which lands are several locations where retaining brush and earth dams can be built, which will hold back the future tailings from the mines at a reasonable cost.

Therefore, the purchasers of these properties need have no great fear of either adverse legislation or litigation to hydraulic miners, in regard to their rights in California to dump their gravel into running water-courses.

SAN FRANCISCO, December 23d, 1879.

HAMILTON SMITH, JR.

DEDUCTIONS FROM HAMILTON SMITH'S REPORT.

There are 160 to 200 acres of ground that can be washed through the new tunnel, as 100 acres previously washed yielded \$4,500,000 or \$45,000 per acre, of which $\frac{1}{2}$, or say \$30,000 is profit. $180 \times 30,000 = \dots \dots \dots$ \$5,400,000

He further estimates the drifting ground under the lava cap will yield net profit of from \$100,000 @ \$150,000 per annum for 20 years, or take the mean \$125,000 $\times 20 = \dots \dots \dots$ 2,500,000

Total $\dots \dots \dots$ \$7,900,000

Owing to the stormy weather which caved in the deepest workings, Mr. Smith could not examine the bottom ground that Mr. Stretch found so rich, and which is not estimated in the above.

The following telegram just received confirms Mr. Stretch's estimate:

EDWARD BATES DORSEY,

CHEROKEE, Jan. 8th, 1880.

Pres't United States Mining Investment Co.

Partial clean-up of sixty by one hundred feet bottom gravel, yielded ten thousand dollars coarse gold

CHARLES WALDEYER.

This is less than one-seventh of an acre, which, at \$10,000 (\$70,000) in coarse gold, caught in the head sluices—probably fifty per cent. more will be caught in the lower sluices and under-currents—this will make the yield over \$100,000 per acre by actual work. In the one hundred acres previously worked by the Spring Valley Co., this has not been touched, owing to their tunnel being too high. All can be worked through the new tunnel. Of course, it also remains untouched in the one hundred and sixty to two hundred acres (Mr. Smith's estimate) remaining. It all will yield like this, the above estimate will be increased from \$450,000,000 to \$30,000,000,000 gross. The working expenses will be comparatively light, owing to the perfection of the plant and appliances now belonging to the mine.

In order to ascertain the present condition of the property, the following telegram was sent:

*Charles Waldeyer,
Cherokee, Cal.*

New York, January 2d, 1880.

*Telegraph exact amount of and days work in
November, clean up.*

*EDWARD BATES DORSEY,
President.*

To this the following reply was received:

Edward Bates Dorsey,

Cherokee, January 3d, 1880.

*Pres. United States Mining Investment Co.,
New York.*

*Seventy days run. Eighty thousand seven hundred
ninety-one dollars.*

CHAS. WALDEYER.

This is more than enough to pay 1½ per cent. per month on \$2,000,000, as owing to the thorough condition of the plant the expenses are very light. It is expected this amount will be largely increased on the consolidation of the property after the purchase, and more than doubled after twelve months.

ADDENDA.

The following is a letter just received.

CHEROKEE, BUTTE Co., CAL.
January 11, 1880.

EDWARD BATES DORSEY, ESQ.,
President United States Mining Investment Company,
NEW YORK.

DEAR SIR:

I enclose a letter from Mr. Abbey, who is a reliable man, in regard to yield of bottom gravel in Cherokee Mine. His estimate of yield is very good; in fact much better than I anticipated, and there should be a considerable profit in working it.

HAMILTON SMITH, JR., M. E.

CHEROKEE, Jan. 10, 1880.

HAMILTON SMITH, ESQ.,
DEAR SIR,

During your examination of the property of the "Spring Valley Mining and Irrigating Company," I understood you to say that it was very unsatisfactory to you to undertake to make a correct report of a mine where no measurement of the ground had been taken, nor separate accounts kept of the yield of the different strata.

During my residence here of five years our sluices have been too high to allow of working the lower strata on the main land, until within a few days of your arrival, when you will doubtless recollect we had a branch cut which entered the bottom of the gravel, and that there we began to clean off the bedrock, preparatory to erecting a derrick, with which to handle the larger boulders with greater facility; here Mr. Harris worked off a block of ground and washed it, separate from any other, down said branch-cut and sluice, and after squaring up the bank so as to accurately measure, he cleaned up the product and handed me the following report: "1,165 cubic yards of blue gravel on bedrock yielded \$10,220, or \$8.76 per cubic yard from 112 feet of flume."

The depth of the gravel at this point, you will remember, was about six feet and contained a large percentage of boulders, which, of course, were all measured with the gravel.

This is a part of and a little east of the centre of the ground mentioned by Mr. Stretch, as a dark-green and blue gravel left in the pit.

The cut which you saw and 112 feet of the branch sluice was all that could be cleaned up; the gold was of a coarse quality and a good deal corroded.

Considerable of the rusty gold must have passed to the main sluices, and after being scoured as it passed down, was amalgamated and caught in the main sluices and undercurrents, making the product of this lower rocky strata more than \$20 per cubic yard.

Having felt a deep interest in the value of this almost untried lower deposit, I thought that you might also be gratified on learning the result.

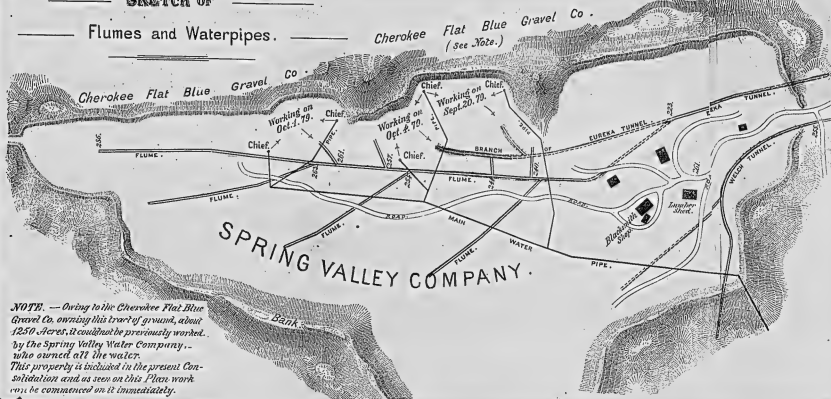
Yours truly,

RICHARD ABBEY.

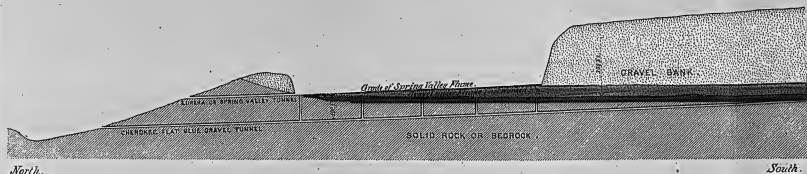
It will be noticed, by referring to Mr. Stretch's report, that he gives the estimated yield at \$5.00 per cubic yard, while by Mr. Abbey's actual working test the yield was \$8.76 per cubic yard.

SKETCH OF

Flumes and Waterpipes.



NOTE. — Owing to the Cherokee Flat Blue Gravel Co. owning this tract of ground, about 1250 acres, it could not be previously worked by the Spring Valley Water Company — who owned all the water. This property is included in the present Consolidation and as seen on this Plan work may be commenced on it immediately.



— North and South longitudinal Section of Gravel banks. —

(Scale = 250 feet per inch.)



East and West Cross section of Gravel banks.

(Scale: 500 Feet per Inch.)

Photo-top by Robert A. Nalick, DE William St. N.Y.

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SAMUEL A. WHEELER, President, Secretary
W. A. BROWN, Treasurer
A. FORTER HIGGINS, Vice President
ARTHUR C. HILLMAN, Vice President



New York Jan 21st 1880

Prof. T. A. Edison

Manila

My dear Sir -

My brother has sent to me
the enclosed cards from my
Red Bank mine on the Merced
River Cal^a. stating that there
are large quantities, and asking
me to have it examined and
let me know what value there is
in it. Will you oblige me at
your leisure to examine it & let me
know ^{your opinion} how much it may be worth enough
to pack to the Edison mill in N. Jersey
will oblige you very truly
J. P. Robinson

Dont send me a humbful
of Concentration get your
brathes to fill a 2. lb.
bag of from panning down
a full miners pan on
you merced claim &
send it by mail ~~so~~
so I can see what
it looks like.

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New York, Feb. 9th 1880

Prof. P. A. Edison

Menlo. } My dear Sir -

I have my two brothers from
California here, both representative
men whom you will be pleased to
meet & who desire to meet with you
that I want to bring to Menlo some
day that I will with your approval -
Please to let me know when such
will please you & I will endeavor to con-
form to your wishes - assuring you & them
of an interesting interview I am

Yrs very truly
J. R. Robinson

OFFICE OF
CHAS. GIMLAY & SON
ROOM 22
No 312 STOCK EXCHANGE PLACE
Philadelphia May 26 1875

Dear Sir

Am requested
by the U.S. Mining Survey Company
to address you for copies of the
Prospectus of the Union Iron Mining
Co. and am very truly

Yrs. Svc. (Enclosed)

Vice Presidents.
HENRY HAVEMEYER
JAMES D. FISK
W. P. GUILD
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NEW YORK & PARIS.

OFFICE OF
United States Mining Investment Co.
GIERROADWAY.
INCORPORATED UNDER THE LAWS OF THE STATE OF CONNECTICUT.
ORGANIZED TO EXAMINE AND RECOMMEND DIVIDEND PAYING MINES.

New York, April 16th 1880

F. A. Edgwin Esq
Sir

My brother Mr. L. L. Robinson
has just rec^d from the North Bloomfield Mine
some black sands, for which he has been waiting
before during times of the pleasure of calling upon you.
Will it be agreeable to you to have me come
to Menlo on Thursday next?

Yours truly
L. L. Robinson

Vice Presidents.
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EDOUARD DE LAUNAY, Cashier.
HENRY C. BATES, Auditor.



New York, April 26th 1880

My dear Sir -

I have to say this a. m. too late
to come today (Tuesday) - My leaving was for
Thursday, and it is convenient, if so, to expect
me on next (called) -

Yours,
J. A. Robinson

The circulation of his name & you
be too circumscribed for Sarah from
the North Bedford & Milton times
for you to test with your recently
discovered mode of treating them
which doubtless will be interesting
to you &c

I hope that important business will deprive me of the pleasure of attending to you.

Lawson

[Signature]

J. R. Roberts

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of subscribers. The names are written in a cursive script, and the addresses are listed below them.

1. The first part of the document is a letter from the President of the United States to the President of the Senate, dated January 1, 1877. The letter is signed by Rutherford B. Hayes and is addressed to Charles Schreyer. The letter is a copy of the original letter and is not a reproduction.

18

So, I will be in the house.

...the ...

Handwritten text in Urdu script, likely a signature or a note, located at the bottom of the page.

1. Long term investment in 1956

UNITED STATES MINING INVESTMENT CO.

61 Broadway,

New York, July 10th, 1880.

To the Stockholders of the Spring Valley Hydraulic Gold Company:

GENTLEMEN:

A periodical statement of the condition of the mine will be furnished you from this time forward.

We now beg to advise you that the first clean-up under the new organization will commence about the middle of this month, and will occupy not less than ten days, so that a dividend will be declared about the end of July, notice of which will be duly furnished.

When the property passed into the hands of the Company, it was hoped and expected that the clean-up would be made in the month of June; but the delay incident to the changes necessarily made under the new consolidation, have prevented us from realizing these expectations without detriment to the real interests of the stockholders.

The change in the location of the hydraulic works, the addition of new monitors, the removal of and addition to the old flumes and sluices, and, more than all, the condition in which the property was left by the former owners, involved so much dead work as to render it desirable to postpone the clean-up until the time indicated above. As the property is now in full working order, no further delay will occur, and we anticipate hereafter an improvement on the present clean-up, whatever that may be. What it *may* be we can only roughly estimate, under advices from our engineers and Superintendent Waldeyer, but presume it will not fall short of \$90,000 gross, from which are to be deducted the extraordinary expenses incident to the changes made and the addition of new machinery, as well as the opening of the tunnel for the purpose of reaching the rich deposit of blue gravel lying on the bed-rock, which tunnel has already been located, and will be vigorously pushed, so that we hope to inform you of its completion early next year.

This brief statement will be followed by another, advising you of the result of the clean-up, about the end of the month.

S. A. WHEELWRIGHT,

Secretary.

Vice President,
HENRY HAWKEYE,
JAMES G. FOSTER,
W. F. KILGORE,
A. FOSTER HISSING,
ARTHUR FILLMISTE.

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OFFICE OF
United States Mining Investment Co.
OF BROADWAY.

INCORPORATED UNDER THE LAWS OF THE UNITED STATES.
ORGANIZED TO EXAMINE AND RECOMMEND DIVIDEND PAYING MINES.

New York July 10th 1880.

L. A. Edison Esq.
Ment Park N. J.
My dear Sir

Allow me to intro-
duce to your notice & consideration the
Daily Mining News, a copy of which
I send you by this mail. Also a few
clips showing the interest the Mining News
takes in the above Company & its mine.
The Mining News is a joint stock Company,
and I am desirous of placing some
of the stock in good investment hands.
Mr. E. B. Dorsey has taken 2,000 shares
our Secy Mr. Wheelwright 400 shares Mr.
J. P. Robinson 500 shares & others more
or less including Geo. D. Roberts 1,000 shs.
I shall be pleased to have you also
as one of my stockholders & believe
it will be a good ten per cent in -

vestment to you, & be of great
service to you individually
among many of your valuable
inventions. I expect your friends
Lest. Chas. Lewis will also be
come one of my stockholders.
I am only going to sell 5,000
shares more, as it is all we
shall part with at \$2.00 per
share. I shall be pleased to
have you take any part of
said block of stock.

Very truly yours
H. C. Brown

My dear Mr. Brown
I have just received your letter of the 10th inst. in relation to the sale of the stock of the American Telephone & Telegraph Co. I have been very busy lately, but I have just now had time to write you a few lines. I have been very much interested in the progress of the company, and I have been very much pleased to hear of the success of the company. I have been very much interested in the progress of the company, and I have been very much pleased to hear of the success of the company.

A MINING COMPANY WITH ALL THE SAFEGUARDS

There are some "enthusiasts" about the Spring Valley Hydraulic Gold Mining Company that are worthy of consideration and must command the attention of investors. In the first place the period of the organization is "remarkable." We do not see how it could be improved upon. It combines all the elements of business experience, vigour and tactics. So far as the standing of a "body of trustees" can inspire full confidence in a corporation, the Spring Valley Company have secured all that is possible. Following is a list of the directors: Charles M. Fry, President National Bank of New York, 48 Wall street; A. Foster Higgins, U. S. Lloyd's Marine Insurance, 30 Wall street; R. M. Puffer, proprietor Boston "Herald"; James W. Simpson, agent of the Associated Press, 110 Broadway; Edward Bates Dorsey, mining engineer, of Broadway; Edmund A. Flint, consulting engineer, Boston, Mass.; W. S. Nichols, of W. S. Nichols & Co., 33 Wall street, New York; Benjamin G. Arnold, of B. G. Arnold & Co., 181 Front street; and Henry M. Faber, of C. & H. M. Faber, 141 Pearl street.

Mr. R. B. Dorsey, President of the Company, was one of the first of the old California mine operators to recognize the splendidly rich and unworked New York as the mining centre of the country, and for over a year he has been active in promoting mining enterprises, notably the Leadville and the Chrysolite. Mr. Dorsey is a practical miner as well as an experienced business man, and he knows as well as any man in the United States what a mine is worth and what it can do.

The property of the Spring Valley Company also gives strong assurance of the company's success. Col. R. C. Woodwell, President of the Green Mountain company, stated to the writer a few days ago that the Spring Valley mine was doubtless as valuable as any hydraulic property on the continent. He had seen all the other hydraulic property, and he believed it to be unequalled by any property of its class. His statement is supported by the standing of the property, having well informed, conservative and experienced men as witnesses to it. The full reports of the property, employed by the United States Mining Investment Company to examine the property, seem to me to be conclusive as to its ability to pay dividends, and to give a return of 100 per cent.

Thus it is seen that some of the grossest prejudices against the Spring Valley Company have been removed. The company is a financial strength, and a business one and experienced; a mining property of proven and proved value for its excess of the capitalization; a property of management under the eye of practical and capable mine engineers. It seems that it has secured all the advantages that the most conservative investor could ask.

A full and complete statement of the property is made in this report. General

SPRING VALLEY'S HYDRAULIC GOLD MINING A Splendid Lead Developing—Every thing Working Well. Oidagers, Butte County, Cal., May 17, 1880.

Edward Bates Dorsey, Esq., President Spring Valley Hydraulic Gold Company, New York:

Dear Sir—A splendid lead of blue and gray pay gravel develops as we advance in our deep cut on Saw Mill river, giving a new and unexpected, but all the more encouraging feature to our mine. We have reached now the point, thank the Lord, where we can make money every day and develop our mine at the different points to the same capacity, and get the better of the dead work of stripping, laying of new sluice grades, etc. A regular routine is established, enabling us to extract gold from our sluice monthly, and almost every three or four months by a general and sweeping clean up. Work on all branches progresses well. Our shaft will be ready in another day, and we are delayed only by the want of powder, which has not arrived in the promised time.

A new, handy, cheap and effective power shaft has been invented by a German named Richman. We will get more information about its adaptability in a few days. The gravel lead in Saw Mill "swine" proves to be continuous, running from Sugar Loaf into Main Table Mountain, along side the old Blue Grave, and our new tunnel will be deep enough for all emergencies. However I think we can work the new lead with our recent gain.

I hope the New York Tribune will learn pretty soon that "Wall Street" has found gold in our mining district.

Very truly yours,
Charles Valmore, Sup't.

Spring Valley Hydraulic Gold Com-

pany.

Carmex, Butte Co., Cal., May 28—Ed-

ward Bates Dorsey, Esq., President Spring

Valley Hydraulic Gold Company, Dear Sir

I can only report today that we work

rapidly ahead in Saw Mill River in a splen-

d lead of pay gravel, which seems to im-

prove as we go ahead. The progress is the

other parts of our mine is equally satisfac-

tory, and will count well for our cleanup.

If you will give us time till July 1st, to

work our mine, I am sure to make as fine a

show as ever was made. It would be a great

pleasure just now to disturb our profitable work,

and tear up the paving of our sluice-boxes,

which were only laid a few weeks ago. Hold

on to your stock in the Spring Valley, and

let us share you. It is the best investment

in hydraulic mines I know of. Mr.

Dorsey will have telegraphed you that. I

wish you could be here now and see how

promising everything looks. Your confidence

in the mine would be stronger in spite

of malice or ignorance. I have been sober

in my statements, but strictly correct, and

all I want is to get a decent show in so large

an operation as our mine surely is. Strictest

rule governs here, promptness to the second,

like on a man-of-war, hard facts and honest

industry, and all this, combined with an

excellent mine, will not win, I will do pen-

ance for the balance of my life. Very truly

yours,
Charles Valmore,

Superintendent.

A STRONG COMBINATION.

The Spring Valley Hydraulic Gold Com-
pany Completes its Organization—A
Model Board of Directors.

The Spring Valley Hydraulic Gold Company was incorporated this week with the following trustees: Charles M. Fry, President National Bank of New York; A. Foster Higgins, U. S. Lloyd's Marine Insurance; R. M. Puffer, proprietor Boston Herald; James W. Simpson, agent of the Associated Press; Edward Bates Dorsey, mining engineer; Edmund A. Flint, consulting engineer, Boston, Mass.; W. S. Nichols, of W. S. Nichols & Co., New York; Benjamin G. Arnold, of B. G. Arnold & Co., and Henry M. Faber, of C. & H. M. Faber.

The Spring Valley Hydraulic Gold Company was placed in the market under the endorsement and patronage of the United States Mining Investment Company. The board of trustees named above is certainly all that could be desired. The men are wealthy and influential, and representative of the best elements of New York's financial strength. If expert reports on mining property can be depended upon, and if solid men in a directory guarantee safe management, it would seem that the Spring Valley Company had met all the requirements called for by the most conservative investors. It is stated that nearly all the stock has been subscribed for, and the natural demand will in a few days absorb the remainder.

The Spring Valley Hydraulic Gold Com-
pany's policy on prospecting, satisfaction,
and the letter of the superintendant printed
to-day will be interesting and pleasant read-
ing for the stockholders.

We are too busy If you will
Come down with a Carpenter &
will furnish ~~New York~~ ^{Sept 14th 1880.}
every facility for you.
Prof James H. Gordon.
Cedar's Park N.Y.

Dear Sir,

Mr Robinson, and
Mr Nichols, of the board of Directors
of the Spring Valley Mining Co. have
here for California on Monday week.
Their purpose is, as I am informed
to inspect the mine and report
upon it. I am extremely anxious
to go to California while they
are here for the purpose of setting
up and testing my mining ap-
paratus on a large working
scale. I am however very
desirous of having you test it
as we have agreed upon before
during so. I write now to ask
you if it would not be possible
for you to have the apparatus

made and tested within the
next three or four days.

I know of course that
you are very much driven
with your other operations
and I am very reluctant
to put you to any inconve-
nience in regard to this.

I am however so ^{thoroughly} convinced that it will prove
a perfect success, and will
be so valuable an adjunct to
your process of handling ore,
that I want to lose no time
in getting it into operation
before winter sets in. I shall
be greatly obliged if you will
kindly let me know when
it will probably be ready. I
will come out any day if
I can be of any service in
preparing it.

Truly Yrs
W. D. Farwell

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JAMES D. FIER, Treas.
W. H. BROWN, Vice-Prest.
A. FOSTER, Vice-Prest.
ARTHUR F. HILLMARTH, Vice-Prest.



SAMUEL A. WHEELWRIGHT, Secy
JNO. T. BARKER, Asst Secy
T. L. JONES, Treasurer.

New York Dec 17th 1889.

J. D. Edinboro Esq.

Miner Park, N. J.

Dear Sir,

In reference to the deposit
of tailings in hand at date of our previous agreement
I beg to say, that so soon as you informants are
so far advanced as to form a definite basis for
a formal contract, I shall be pleased to enter
into negotiations for same, assuring you that
the preference will always be given to yourself
as our interests in the matter are identical.

My only hesitation in making such contracts now
is want of suitable data on which to base same.
If however you desire to replicate such contracts
as we can now making with the Edinboro Mining
Co. I have no objection to doing so & as
further evidence of my good faith I will add
that I will enter into no contract with any other party
in reference to the tailings already accumulated for a period
of 12 months, than allowing you to select any informants you
may be making in.

Very truly
Edward Bates Ebbert Pres.

OK

Nypse 17.50

E Bates Dorsey

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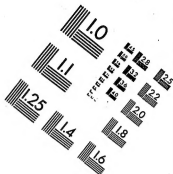
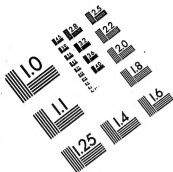
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Centimeter



Inches

